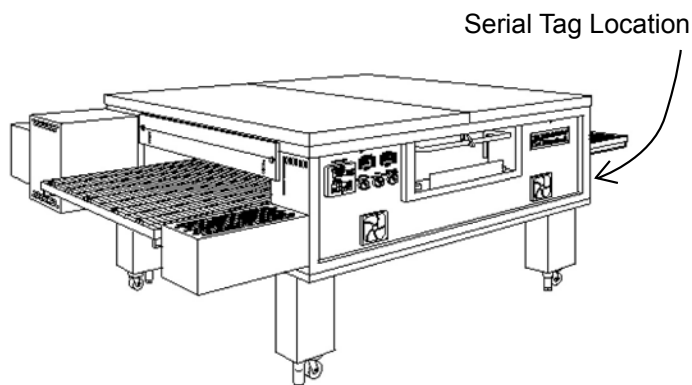
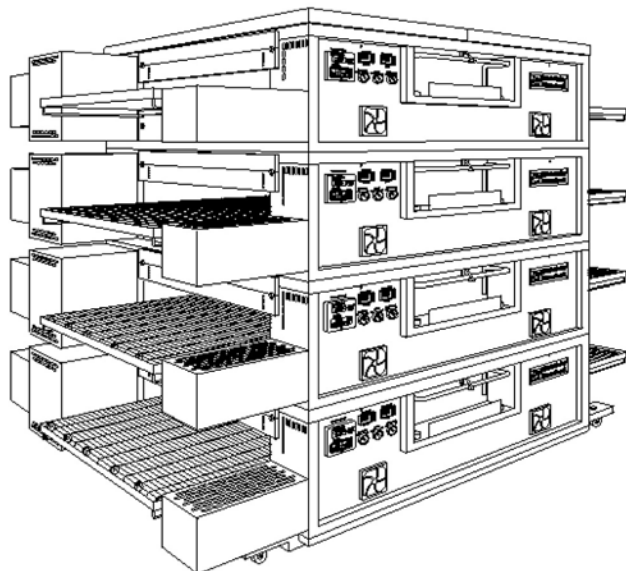




PS555E Parts
Electric (Domestic & Std. Export)

SPL030106-PF-BD
Dated: March 1, 2006
Replaces PMD-15-05
Rev. B VI 12/00



Serial # Code
First 4 digits - order of production
Fifth digit - model specific
Sixth and Seventh digit - month of production
Eighth and Ninth digit - year of production

PS555 Electric Oven

Parts Manual

for domestic and standard export ovens

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www.middleby.com

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(847) 741-3000 fax (847) 741-4406 (Parts Department)



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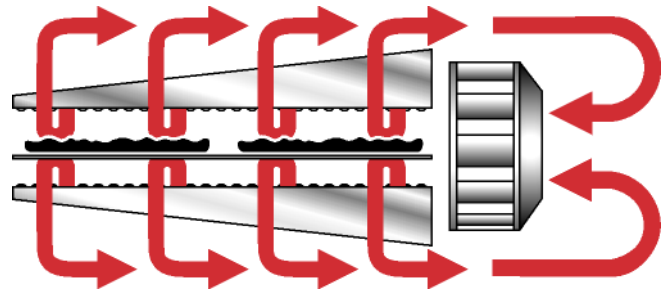
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Principle

Middleby Marshall PS Series conveyor ovens bake both faster and at a lower temperature than other ovens. Patented vertical columns of hot air move heat aerodynamically instead of using high temperatures. The streams of hot air remove the boundary layers of cool heavy air which tend to insulate the product. This gives very rapid baking without burning. All Middleby ovens are designed to cook a multitude of products including pizza, seafood, bagels, ethnic foods and more.



Standard Features

- **Impingement PLUS!** low oven profile and dual air return
- 55"/1397mm-long cooking chamber
- 32"/813mm-wide, 90"/2286mm-long conveyor belt
- Stackable up to four units high
- Patented "Jet Sweep" impingement process that delivers constant heat to the chamber
- Microprocessor-controlled bake time/conveyor speed
- Customer-specific adjustable jet fingers that allow control of heat delivery
- Stainless steel front, sides and top
- Front-loading window with cool handle
- Reversible conveyor direction

Optional Features

- Split belt - two 15"/381mm belts with individually-adjustable speed settings

Conserves Energy

Middleby ovens provide very efficient heat transfer to product. Energy is conserved as air is recycled from heater to product, with minimum flue or vent loss.

Cleanability

PS555 ovens are designed for easy cleaning. Removable parts include: crumb pans, end panels, air fingers, and a folding conveyor belt assembly.

Easily Serviced

Control compartment is designed for quick and easy access. Primary electrical components are door-mounted.

Warranty

All PS555 models have a one year parts and labor warranty. Oven start-up and demonstration are included at no additional charge (USA only).

Ventilation

Use of a ventilation hood is strongly recommended.

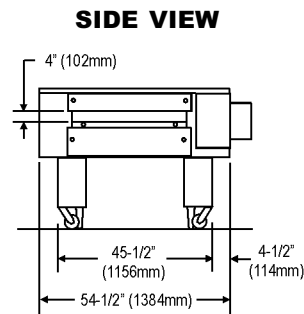
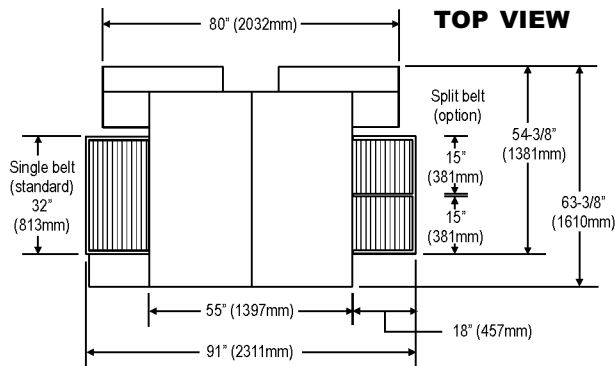
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Form 4502E

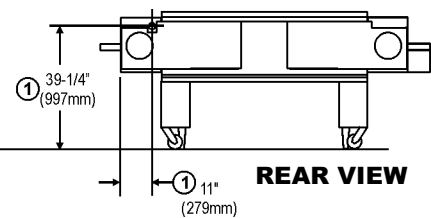
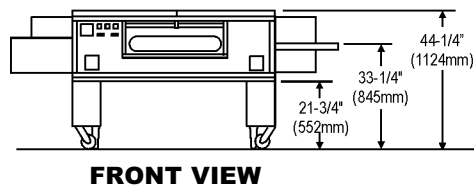
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www.middleby.com

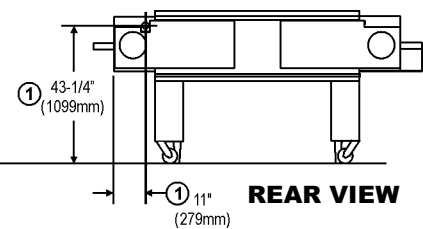
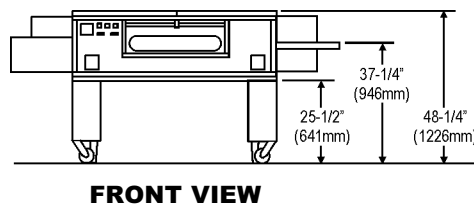


① Electrical Utility Connection

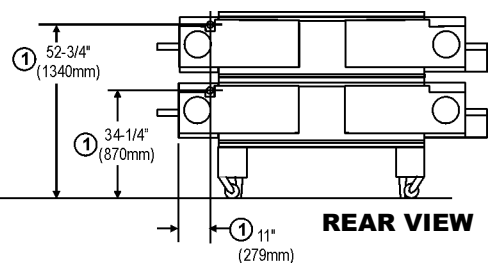
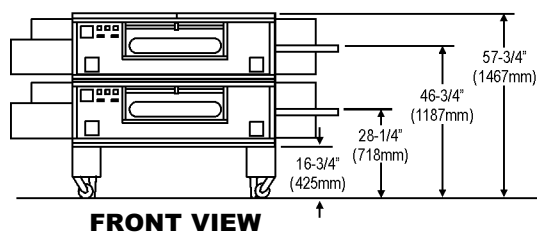
**PS555-1 Single Oven
with 15" (381mm) leg extensions**



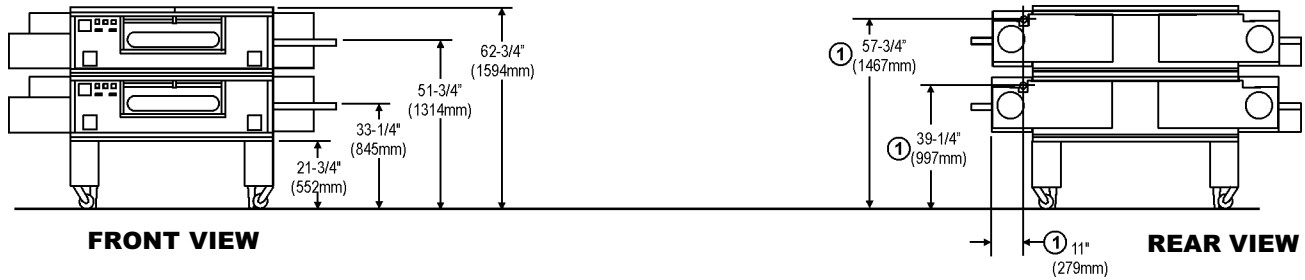
**PS555-1 Single Oven
with 19" (483mm) leg extensions**



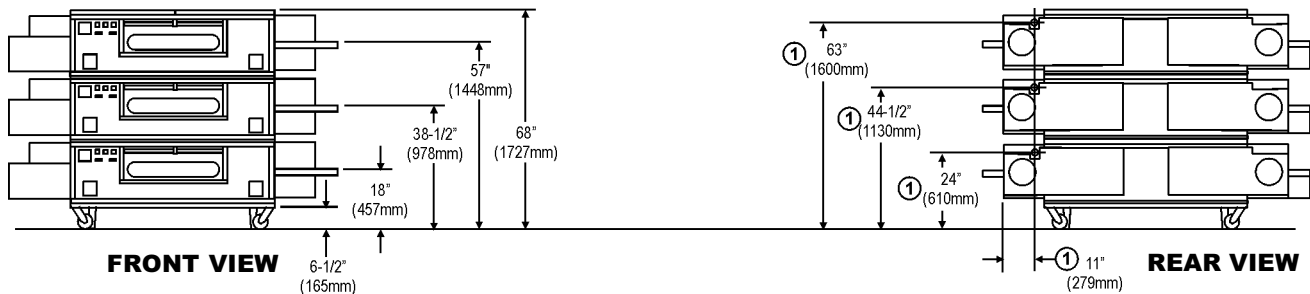
**PS555-2 Double Oven
with 10" (254mm) leg extensions**



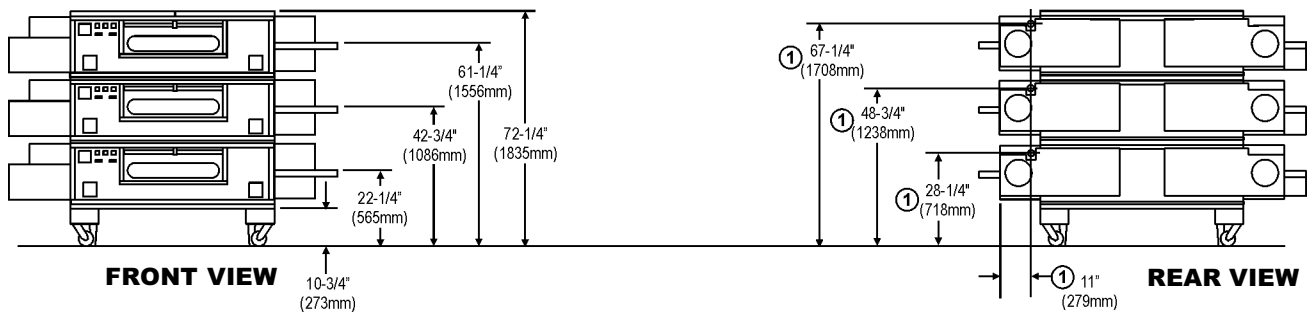
PS555-2 Double Oven with 15" (381mm) leg extensions



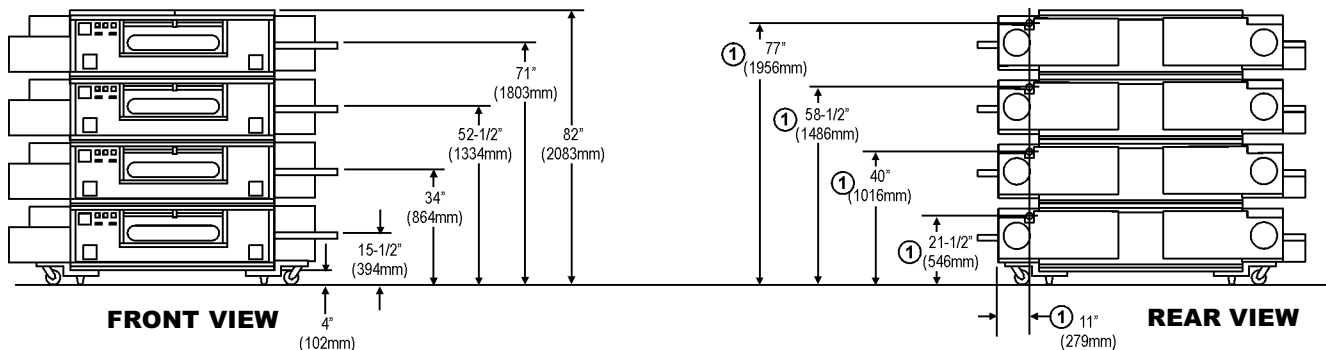
PS555-3 Triple Oven without leg extensions



PS555-3 Triple Oven with 4" (102mm) leg extensions



PS555-4 Quad Oven with outriggers










RECOMMENDED MINIMUM CLEARANCES

Rear of oven to wall	Control end of oven to wall	Non-control end of oven to wall
6" (152mm)	0" (0mm)	0" (0mm)

GENERAL INFORMATION

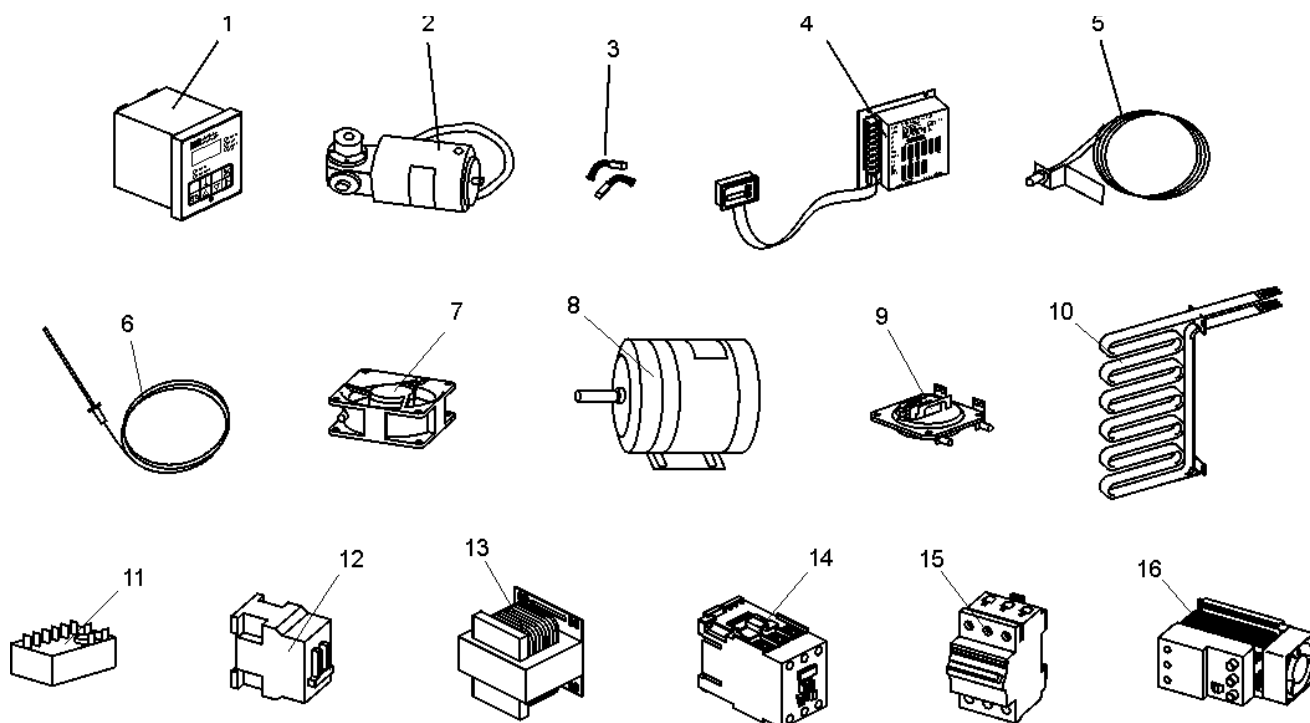
	Heating Zone	Baking Area	Belt Length	Conveyor Belt Width	Depth	Height	Max. Temp.	Bake Time Range	Ship Wt.	Ship Cube
PS555-1 with 15" (254mm) leg extensions	55" 1397mm	12.2 sq. ft. 1.13m ²	91" 2311mm	1 x 32" (813mm) OR 2 x 15" (381mm)	63-3/8" 1584mm	44-1/4" 1124mm	550°F 288°C	2:40- 29:50	1250 lbs. 568kg	160 ft. ³ 4.5m ³
PS555-1 with 19" (483mm) leg extensions	55" 1397mm	12.2 sq. ft. 1.13m ²	91" 2311mm	1 x 32" (813mm) OR 2 x 15" (381mm)	63-3/8" 1584mm	48-1/4" 1226mm	550°F 288°C	2:40- 29:50	1250 lbs. 568kg	160 ft. ³ 4.5m ³
PS555-2 with 10" (254mm) leg extensions	110" 2794mm	24.4 sq. ft. 2.27m ²	91" 2311mm	1 x 32" (813mm) OR 2 x 15" (381mm)	63-3/8" 1584mm	57-3/4" 1467mm	550°F 288°C	2:40- 29:50	2500 lbs. 1135kg	320 ft. ³ 9.0m ³
PS555-2 with 15" (381mm) leg extensions	110" 2794mm	24.4 sq. ft. 2.27m ²	91" 2311mm	1 x 32" (813mm) OR 2 x 15" (381mm)	63-3/8" 1584mm	62-3/4" 1594mm	550°F 288°C	2:40- 29:50	2500 lbs. 1135kg	320 ft. ³ 9.0m ³
PS555-3 without leg extensions	165" 4191mm	36.6 sq. ft. 3.40m ²	91" 2311mm	1 x 32" (813mm) OR 2 x 15" (381mm)	63-3/8" 1584mm	68" 1727mm	550°F 288°C	2:40- 29:50	3750 lbs. 1703kg	480 ft. ³ 13.5m ³
PS555-3 with 4" (102mm) leg extensions	165" 4191mm	36.6 sq. ft. 3.40m ²	91" 2311mm	1 x 32" (813mm) OR 2 x 15" (381mm)	63-3/8" 1584mm	72-1/4" 1835mm	550°F 288°C	2:40- 29:50	3750 lbs. 1703kg	480 ft. ³ 13.5m ³
PS555-4 with outriggers	220" 5588mm	48.8 sq. ft. 4.54m ²	91" 2311mm	1 x 32" (813mm) OR 2 x 15" (381mm)	63-3/8" 1584mm	82" 2083mm	550°F 288°C	2:40- 29:50	5000 lbs. 2270kg	640 ft. ³ 18.0m ³

ELECTRICAL SPECIFICATIONS

Version	Voltage	Phase	Freq.	Current Draw (per line) *				Rated Heat Input	Supply	Breakers
				L1	L2	L3	N			
 	208V	3	50/60 Hz	97.4A	88.8A	97.4A	-	32 kW	3 pole, 4 wire (2 hot, 1 gnd)	As per local codes
 	220-240V	3	50/60 Hz	83.0- 90.0A	75.0- 86.0A	83.0- 90.0A	-	29.3- 34.8 kW	3 pole, 4 wire (2 hot, 1 gnd)	As per local codes
 	480V	3	50/60 Hz	38.5A	38.5A	47.7A	9.2A	32 kW	4 pole, 5 wire (3 hot, 1 neut., 1 gnd)	As per local codes
	380V	3	50 Hz	48.6A	48.6A	57.8A	9.2A	32 kW	4 pole, 5 wire (3 hot, 1 neut., 1 gnd)	As per local codes

* The current draw ratings shown above are average values for normal operation. The initial amperage draw on oven startup may exceed the listed value.

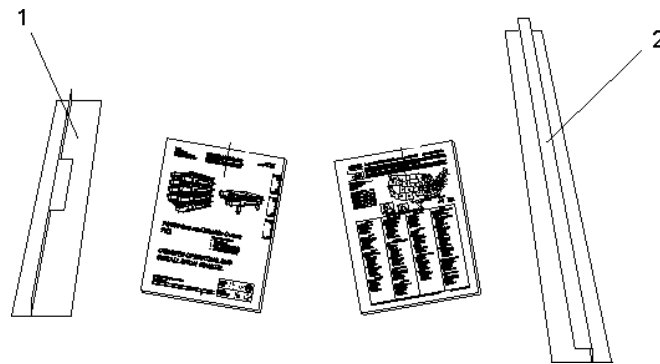
ALL SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE.



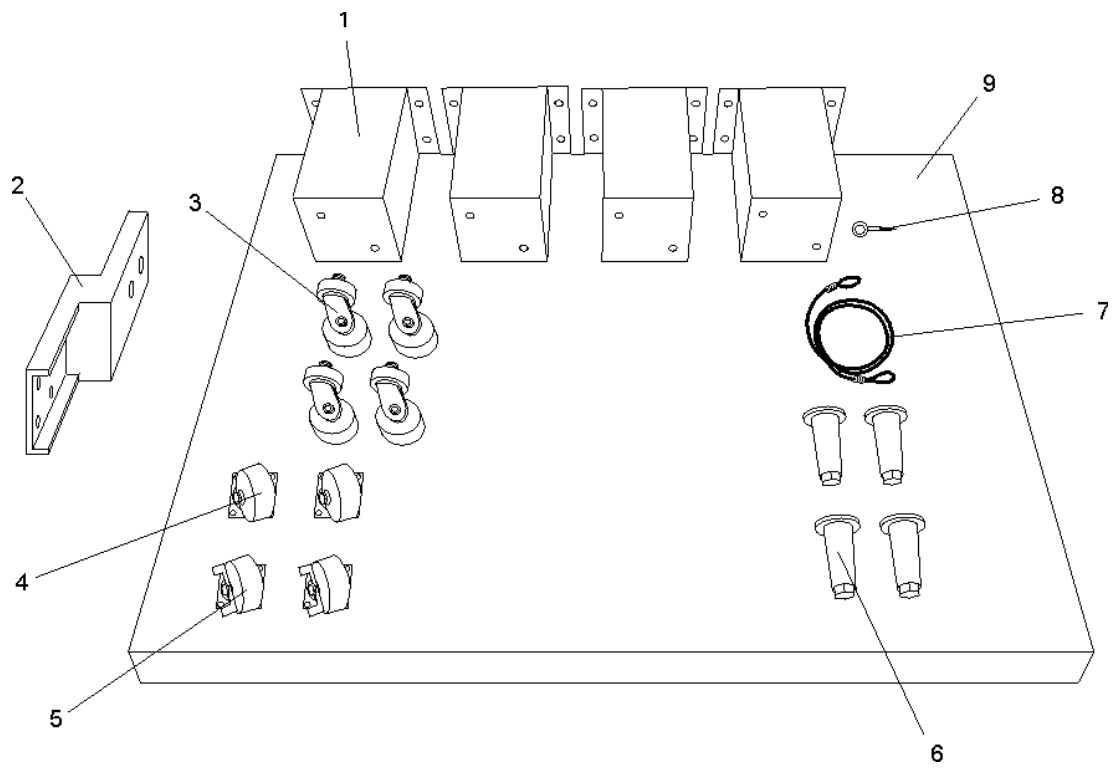
KEY PARTS

ITEM	QTY.	P/N	DESCRIPTION
1	1	58504	KIT, DIGITAL TEMPERATURE CONTROLLER, REPLACES 47321
2	1	47796	MOTOR, CONVEYOR DRIVE 1400:1 STANDARD
2a	1	51059	MOTOR, CONVEYOR DRIVE 600:1 HIGH SPEED
3	2	45017	BRUSHES, DRIVE MOTOR
4	1	58323	KIT, CONVEYOR SPEED CONTROLLER, REPLACES 37337
5	1	50265	ASSEMBLY, PICKUP, CONVEYOR DRIVE
6	4	33984	KIT, THERMOCOUPLE
7	2	97525	FAN, COOLING
8	2	27381-0069	MOTOR, BLOWER, 1 HP
9	2	50610	AIR SWITCH, REPLACES 39530
10a	4	43337	HEATING ELEMENT, 208V
10b	4	44525	HEATING ELEMENT, 230V
10c	4	44526	HEATING ELEMENT, 380V
10d	4	44527	HEATING ELEMENT, 480V
11	1	33983	HIGH LIMIT CONTROL MODULE, 240V
12	1	28041-0011	CONTACTOR
13	1	31504	TRANSFORMER, 230VP:120VS
14	2	44549	CONTACTOR
15	2	45019	CIRCUIT BREAKER BLOCK, 3-POLE, 63A
16a	2	44568	(380V & 480V OVENS) SOLID STATE RELAY WITH COOLING FAN
16b	2	44914	(208V, 230V & 240V OVENS) SOLID STATE RELAY WITH COOLING FAN

VIEW OF INSTALLATION KIT



VIEW OF BASE PAD KIT



PARTS FOR INSTALLATION KIT

ITEM	QTY. - SGL. BELT	QTY. - SPLIT BELT	P/N	DESCRIPTION
1	1	1	55027	CONVEYOR REAR STOP
2	1	1	55028	CONVEYOR END STOP

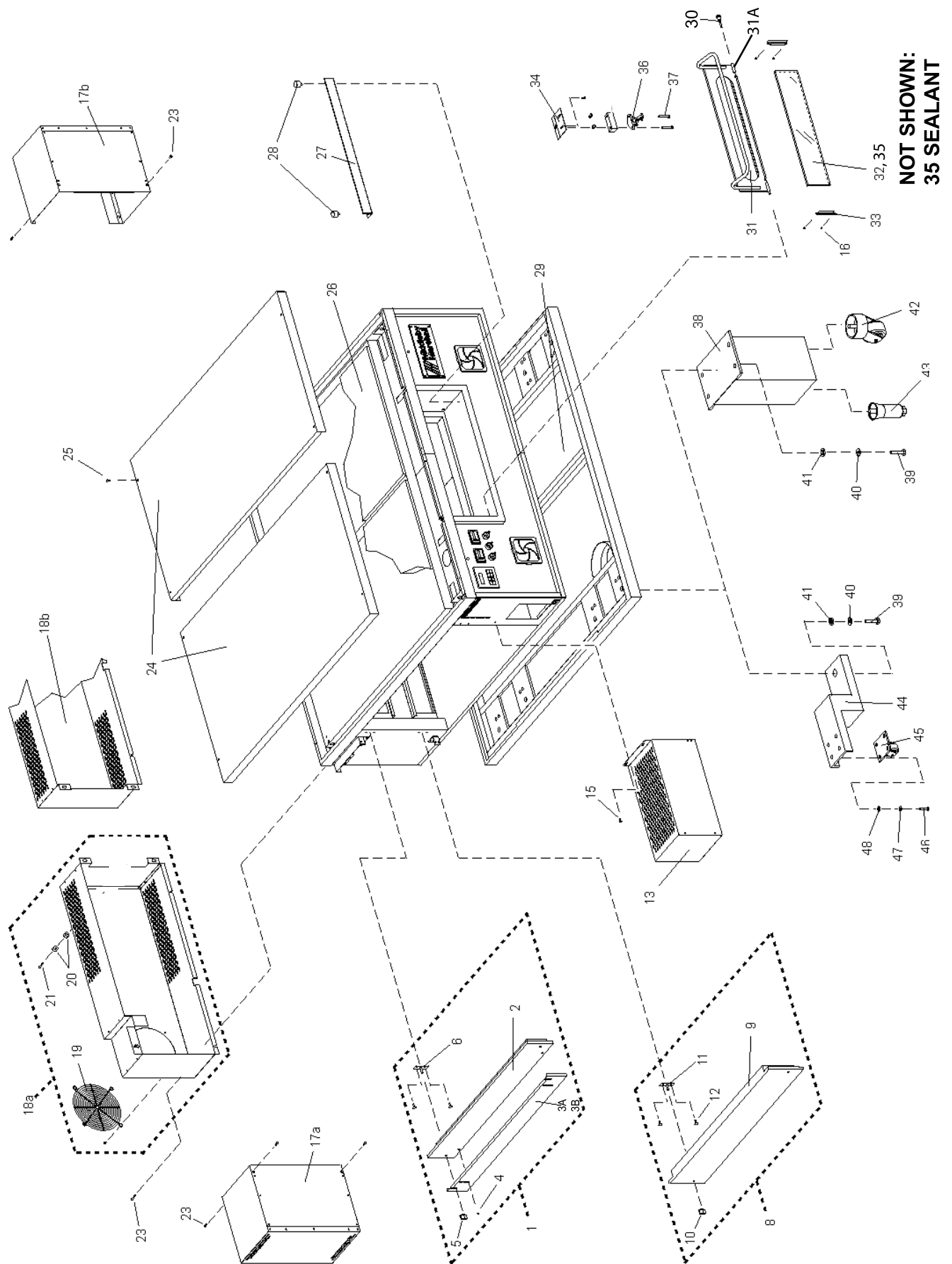
PARTS FOR BASE PAD KIT

ITEM	QTY. SINGLE OVEN	QTY. - DBL. OVEN W/ 10" LEGS	QTY. - DBL. OVEN W/ 15" LEGS	QTY. TRIPLE OVEN	QTY. QUAD OVEN	P/N	DESCRIPTION
1a	4	--	--	--	--	37210-0060	LEG, 19" (483mm)
1b	--	4	--	--	--	37210-0082	LEG, 10" (254mm) NO LONGER AVAILABLE
1c	4	--	4	--	--	37210-0057	LEG, 15" (381mm)
1d	--	--	4	--	--	39684	LEG 4"
2	--	--	--	--	4	45209	OUTRIGGER
3	2	2	2	2	--	37115-0102	CASTER, SWIVEL (WITH STUD)
3a	2	2	2	2	--	58930	CASTER, SWIVEL W/ BRAKE
4	--	--	--	--	2	45357	CASTER, SWIVEL (WITH FLAT PLATE)
5	--	--	--	--	2	45664	CASTER, SWIVEL (WITH FLAT PLATE AND BRAKE)
6	4	4	4	4	--	22450-0028	ADJUSTABLE LEG
7	1	1	1	1	1	22450-0253	RESTRAINT CABLE, 60" (1524mm)
8	1	1	1	1	1	21392-0005	EYE BOLT/LAG SCREW
9	2	2	2	2	2	41582	TOP COVER (RIGHT OR LEFT)

NOT SHOWN:

10	1	1	1	1	1	41643	BASE PAD, INSULATED
11	8	8	8	8	8	21256-0069	SCREW, 10-32 X 1-1/4" SL TRUS HD
12	16	16	16	--	8	21216-0018	BOLT, 1/2-13 X 1-1/4" HEX CAP
13	16	16	16	--	8	21416-0003	FLAT WASHER, 1/2"
14	16	16	16	--	8	21426-0004	LOCK WASHER, 1/2"
15	--	--	--	--	16	220373	BOLT, 3/8-16 X 1" HEX CAP
16	--	--	--	--	16	21416-0001	FLAT WASHER, 3/8"
17	--	--	--	--	16	21422-0001	LOCK WASHER, 3/8"
18	--	--	--	--	4	45206	INSERT - QUAD FOOT
19	--	--	--	--	4	45205	SPACER - QUAD

VIEW OF OVEN PANELS, WINDOW AND LEGS

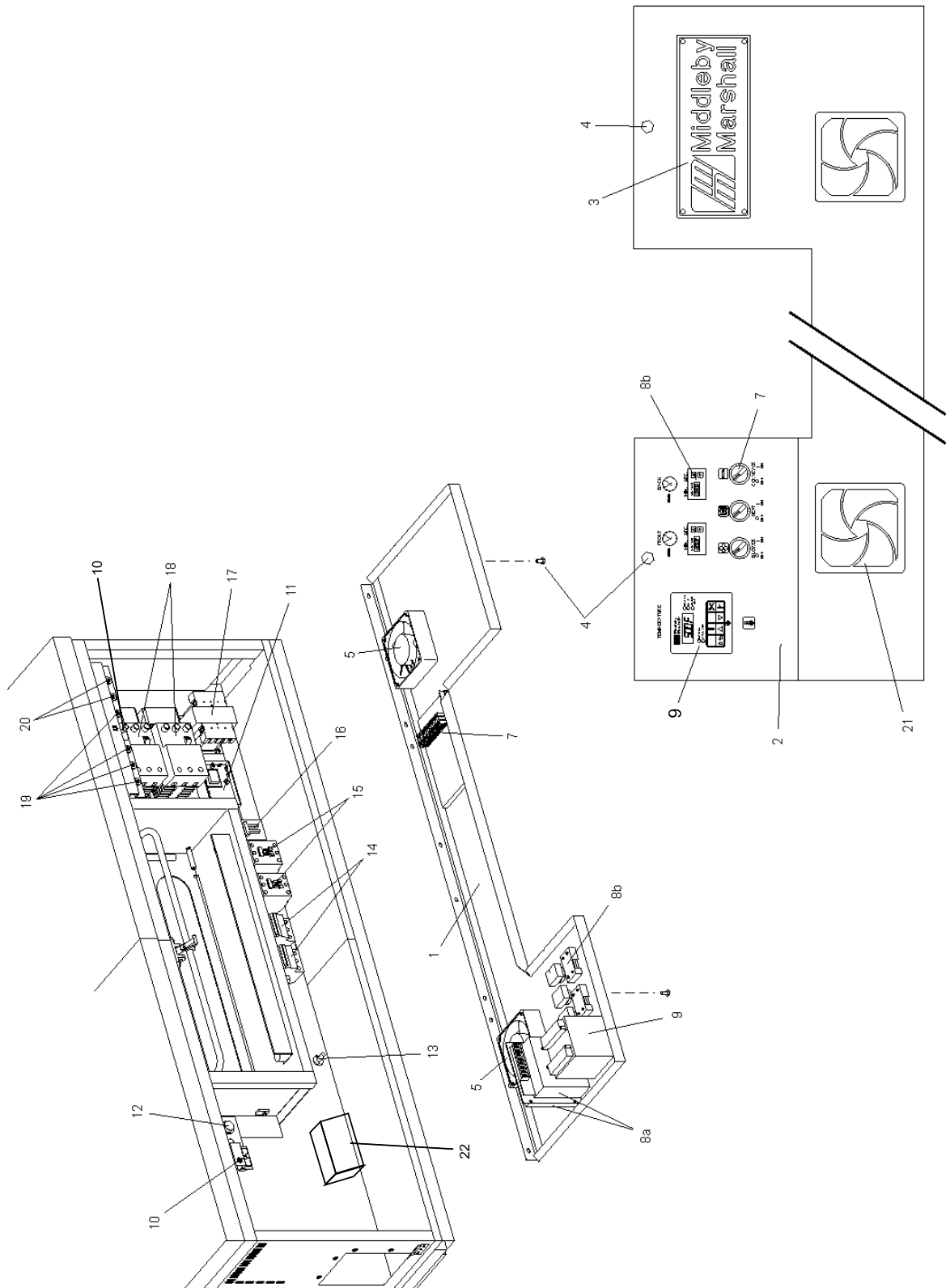


PARTS FOR OVEN PANELS, WINDOW AND LEGS

ITEM	QTY.	P/N	DESCRIPTION
1	2	39539	ASSY, UPPER END PLUG (INC. ITEMS 2 - 6)
2	1	41778	WELDMNT, UPPER END PLUG PS500
3	1	50834	EYEBROW 37" BETWEEN CENTER HOLES
3a	1	41738	EYEBROW - EARLY PRODUCTION 2 SHOTS - 31" BETWEEN CENTER HOLES
4	2	220295	SCREW, "AB" HEX WSHR HD #10 X 3/4"
5	2	36452	WING NUT, 1/4"-20 W/PLASTIC GRIP
6	2	41708	PLATE, END PLUG MOUNTING
8	2	39569	ASSY, LOWER END PLUG (INC. ITEMS 9-12)
9	1	41779	WELDMNT, LOWER END PLUG PS500
10	2	36452	WING NUT, 1/4"-20 W/PLASTIC GRIP
11	2	41708	PLATE, END PLUG MOUNTING
13	1	44494	DRIVE MOTOR SHROUD
15	2	A6153	SCREW, HEX HD 1/4"-20 X 1/2"
17a	1	44773	ASSY, LEFT MOTOR SHROUD
17b	1	44641	ASSY, RIGHT MOTOR SHROUD
18a	1	44711	ASSY, LEFT REAR SHROUD (INC. ITEMS 19-22)
18b	1	44706	ASSY, RIGHT REAR SHROUD (INC. ITEMS 19-22)
19	1	31765	GRILL, COOLING FAN
20	2	4021D8905	BUMPER
21	1	19A1S144	SCREW, #10-32 X 1-1/4"
23	A/R	4111A8815	SCREW, HEX HD #10-32 X 1/2"
24	2	41582	TOP COVER, PS555
25	8	21256-0069	SCREW, SLT TRS HD #10-32 X 1-1/4"
26	2	42554	INSULATION, ROOF PRECUT PS555
27	1	42488	WINDOW GUARD, PS555
28	2	30927	BUMPER, WINDOW

ITEM	QTY.	P/N	DESCRIPTION
29	1	41643	BASE PAD, PS555
30	1	34121-0003	SCREW, WINDOW PIVOT
31	1	45012	ASSY, WINDOW WITH HANDLE
31a	1	45011	FRAME WITH HANDLE
32	1	41597	GLASS, PRE-CUT 3-1/2" X 20"
33	2	44479	RETAINER, WINDOW GLASS
34	1	44677	MOUNTING BRACKET, WINDOW LATCH
35	1	17130-0006	SEALANT - GLASS
36	1	45087	ASSY, WINDOW LATCH
37	2	2000301	SCREW, HEX HD 1/4"-20 X 1-3/4"
38a	4	37210-0060	LEG, 19" (483mm) - SINGLE OVEN
38b	4	37210-0057	LEG, 15" (381mm) - DOUBLE OVEN
38c	4	37210-0082	LEG, 10" (254mm) - DOUBLE OVEN NO LONGER AVAILABLE
38d	4	39684	LEG, 4" (102mm) - OPTIONAL FOR TRIPLE OVEN
39	A/R	21216-0018	BOLT, HEX CAP 1/2"-13 X 1-1/4"
40	A/R	21426-0004	LOCKWASHER, 1/2" - SGL & DBL OVENS
41	A/R	21416-0003	FLAT WASHER, 1/2" - SGL & DBL OVENS
42	2	37115-0102	CASTER, SWIVEL WITH 3/4" STUD
42	2	58930	CASTER, SWIVEL WITH BRAKE
43	4	22450-0028	LEG, 6" (152mm) ADJUSTABLE WITH 3/4" STUD - SINGLE, DOUBLE, & TRIPLE OVENS
44	4	45209	OUTRIGGER - QUAD OVEN
45a	2	45357	CASTER - SWIVEL QUAD
45b	2	45664	CASTER - SWIVEL WITH BRAKE - QUAD
46	16	220373	SCREW, HEX HD 3/8"-16 X 1" - QUAD OVENS
47	16	21422-0001	LOCKWASHER, 3/8" - QUAD OVENS
48	16	21416-0001	FLAT WASHER, 3/8" - QUAD OVENS
49	4	45206	INSERT - QUAD FOOT
50	4	45205	SPACER - QUAD

VIEW OF FRONT CONTROL PANEL

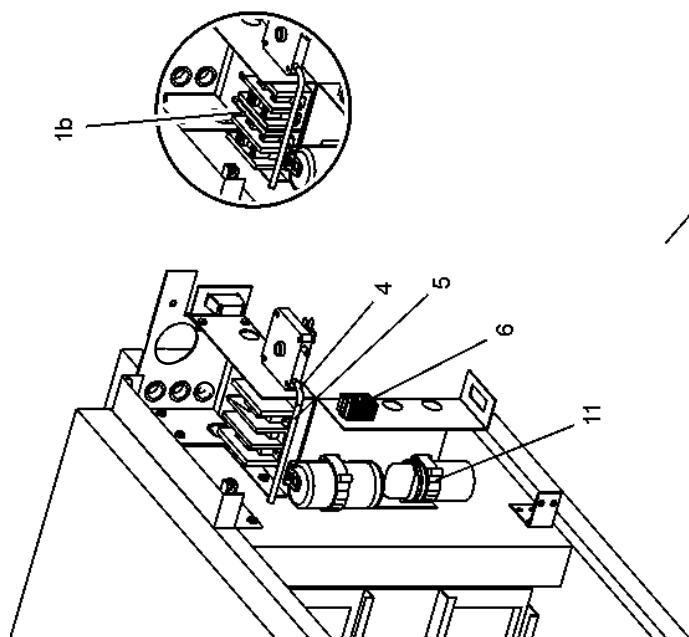
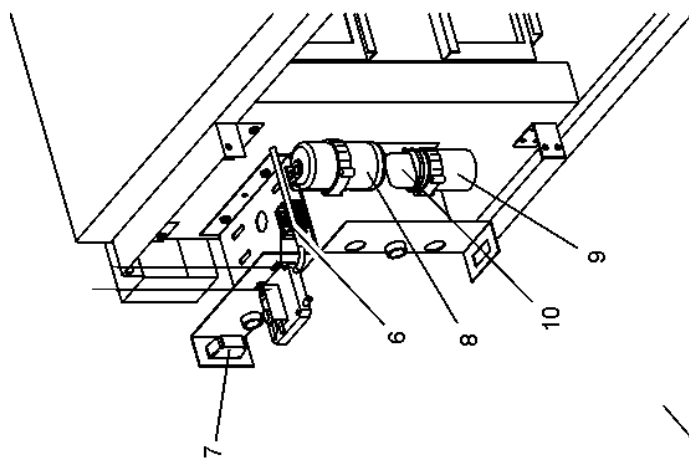


PARTS FOR FRONT CONTROL PANEL

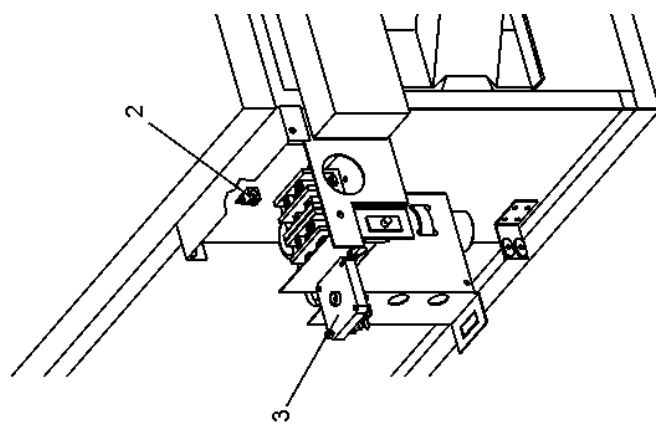
ITEM QTY.	P/N	DESCRIPTION
1 1	44832	MACHINERY COMPARTMENT ACCESS PANEL, WITHOUT COMPONENTS
2 1	39464	LABEL, CONTROL PANEL
3 1	22500-0021	NAMEPLATE, "MIDDLEBY MARSHALL"
4 2	A6153	SCREW, HEX HD 1/4"-20 X 1/2"
5 2	97525	COOLING FAN
7 3	46521	SELECTOR SWITCH WITH KNOB
7a A/R	46522	SELECTION SWITCH WITH KNOB - 2 CONTACTS. EARLY MODELS
8a 1	58323	KIT, CONVEYOR SPEED CONTROLLER WITH SELECTOR AND DIGITAL DISPLAY REPLACES 37337
8b 1	37503	DIGITAL DISPLAY ONLY
9 1	58504	KIT, DIGITAL TEMPERATURE CONTROLLER
10 2	28021-0047	SAFETY SWITCH, MACHINERY COMPART- MENT ACCESS PANEL

ITEM QTY.	P/N	DESCRIPTION
11 1	33983	HIGH LIMIT CONTROL MODULE, 240V
12 1	35145	HIGH LIMIT RESET SWITCH, LIGHTED, 240V
13 1	33984	KIT, THERMOCOUPLE (33812*1) 6"
14 2	45019	CIRCUIT BREAKER, 3-POLE, 63A
15 2	44549	CONTACTOR
16 1	28041-0011	CONTACTOR 4-POLE
17 1	31504	TRANSFORMER, 230Vp:120Vs 0.2 KVA
18a 2	44914	SOLID STATE RELAY WITH COOLING FAN (208V, 230V, & 240V OVENS)
18b 2	44568	SOLID STATE RELAY WITH COOLING FAN (380V & 480V OVENS)
19 4	45037	CIRCUIT BREAKER, 15A
20 2	45036	CIRCUIT BREAKER, 3A
21 2	3102458	ASSY, COOLING FAN GRILL (INCLUDES PLAS- TIC GRILL AND FOAM FILTER)
22 2	45244	FILTER - ELECTRICAL NOISE CE ONLY

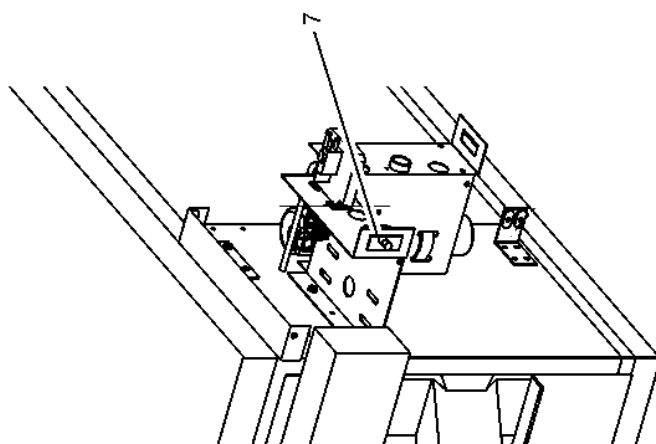
VIEW OF REAR SIDE COMPARTMENT(S)



RIGHT SIDE



LEFT SIDE

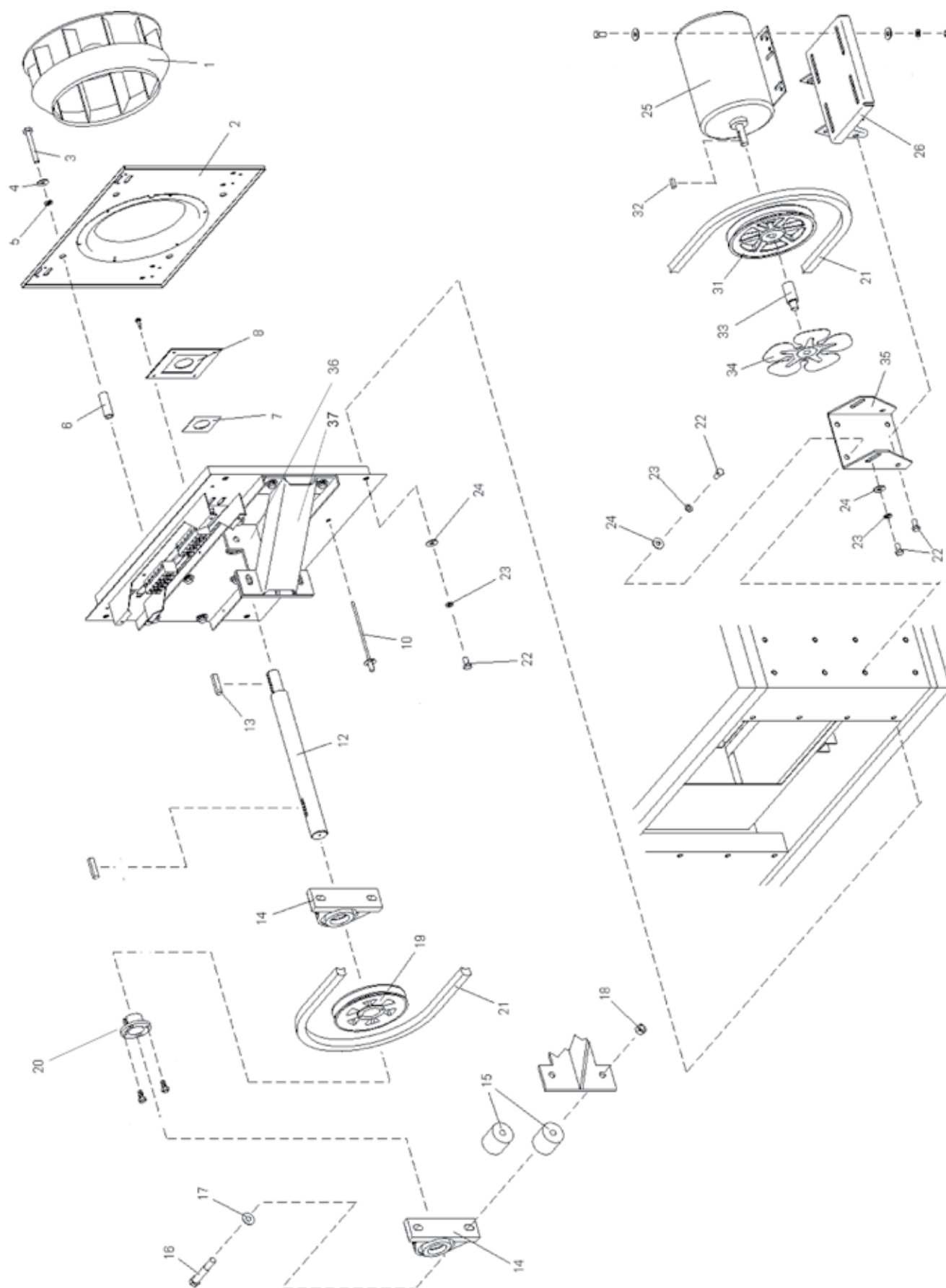


PARTS FOR REAR SIDE COMPARTMENT(S)

ITEM	QTY.	P/N	DESCRIPTION
1	4	27480-0001	TERMINAL BLOCK, 2-POLE
2	2	31589	GROUND LUG
3	2	50610	AIR SWITCH
4	A/R	22450-0297	TUBING, SILICONE BULK 1/4"/6.4mm O.D.
5	A/R	15125-0002	TUBING, ALUMINUM BULK 1/4"/6.4mm O.D.
6	2	44390	TERMINAL BLOCK, 3-POLE
7	2	28021-0061	SAFETY SWITCH, MOMENTARY

ITEM	QTY.	P/N	DESCRIPTION
8	2	44469	ASSEMBLY, START CAPACITOR (BLACK) - INCLUDES BRACKET AND END CAP
9	2	27170-0270	CAPACITOR, RUN (SILVER)
10	2	44465	INSULATOR CAP, RUN CAPACITOR
11	4	22450-0259	HOSE CLAMP

VIEW OF BLOWER MOTOR ASSEMBLIES



PARTS FOR BLOWER MOTOR ASSEMBLIES

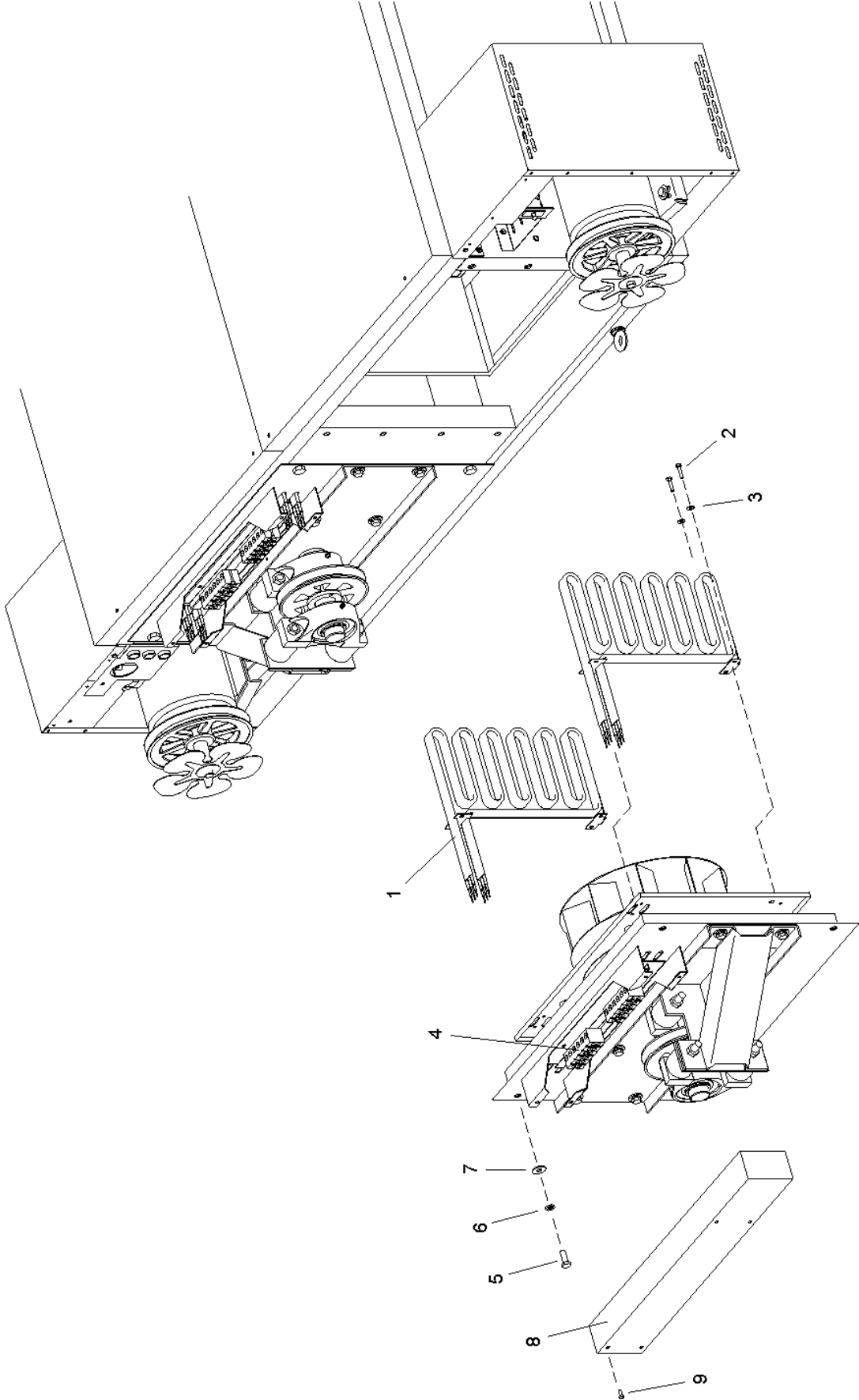
NOTE: The quantities shown below are for a single blower assembly.

ITEM	QTY.	P/N	DESCRIPTION
1a	1	22521-0005	BLOWER WHEEL - CCW, DRIVE END
1b	1	22521-0006	BLOWER WHEEL - CW, IDLER END
2	1	44556	PLATE, INLET RING
3	4	21211-0001	SCREW, CAP HEX HD 3/8"-16 X 3"
4	4	21416-0001	FLAT WASHER, 3/8"
5	4	21422-0001	LOCKWASHER, SPLIT, 3/8"
6	4	35210-0576	SPACER
7	1	35210-0541	SHAFT SEAL, TEFLON
8	1	37210-0101	PLATE, SHAFT SEAL INNER
10	3	33984	KIT, THERMOCOUPLE (33812-1)
12	1	41899	SHAFT, BLOWER
13	1	35210-0286	KEY, BLOWER WHEEL
14	2	22072-0017	BEARING
15	4	39411	SPACER, BEARING
16	4	2000535	SCREW, CAP HEX HD 1/2"-13 X 3-1/2"
17	4	3B82D8827	FLAT WASHER, 7/16"
18	4	21121-0013	HEX NUT, 1/2"-13
19	1	39587	FAN PULLEY, BK70H
20	1	22031-0018	BUSHING, SPLIT, 1-7/16" I.D.

ITEM	QTY.	P/N	DESCRIPTION
21a	1	44946	BELT, BX 61 STANDARD (USE W/ITEM 31c BK80 PULLEY)
21b	1	44963	BELT, BX 58 (USE W/ITEM 31a BK62 PULLEY)
21c	1	45021	BELT, BX 59 (USE W/ITEM 31b BK70 PULLEY)
22	12	1513D8805	SCREW, CAP HEX HD 3/8"-16 X 3/4"
23	10	21422-0001	LOCKWASHER, SPLIT 3/8"
24	10	21416-0001	FLAT WASHER, 3/8"
25	1	27381-0069	MOTOR, BLOWER, 1 HP
26	1	41666	BRACKET, MOTOR MOUNTING
31a	1	39586	PULLEY, BK80 STANDARD (USES BX61 BELT)
31b	1	39910	PULLEY, BK62 (USES ITEM 21b BX 58 BELT)
31c	1	44977	PULLEY, BK70 (USES ITEM 21c BX 59 BELT)
32	1	220026	KEY, PULLEY 3/16" x 3/16" X 3/4" (5x5x19mm)
33	1	43024	EXTENDER, FAN
34a	1	27399-0008	FAN BLADE, CW - 8"
34b	1	27399-0009	FAN BLADE, CCW - 8"
35	1	41667	BRACKET, MOTOR SUPPORT
36	1	41575	MOUNTING BRACKET
37	1	44550	SUPPORT BRACKET

RPM KIT P/N	OVEN MODEL	HERTZ	MOTOR PULLEY	MOTOR PULLEY P/N	BELT SIZE	BELT P/N	RPM OF FAN @ 420 deg.F
STANDARD 45315	PS555G/E	60	BK80	39586	BX61	44946	2080
		50					1733
45314	PS555	60	BK62	39910	BX58	44963	1580
	PS555		BK70	44977	BX59	45021	1780

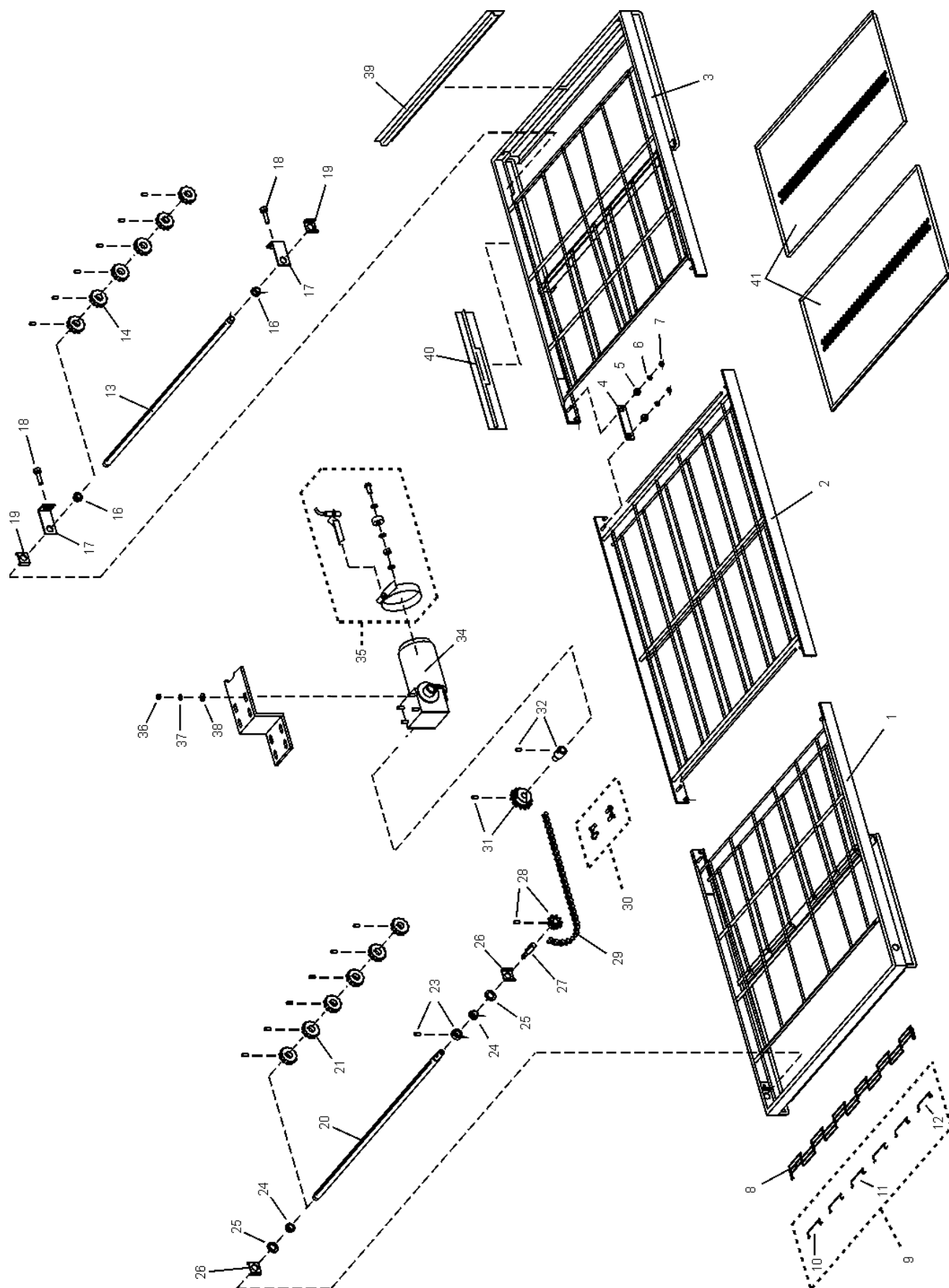
VIEW OF HEATING UNIT ASSEMBLIES



PARTS FOR HEATING UNIT ASSEMBLIES

ITEM	QTY.	P/N	DESCRIPTION
1a	4	43337	HEATING ELEMENT, 208V
1b	4	44525	HEATING ELEMENT, 230V
1c	4	44526	HEATING ELEMENT, 380V
1d	4	44527	HEATING ELEMENT, 480V
2	16	1501D8803	FLAT WASHER, #10
3	16	4111A8815	SCREW, HEX HEAD #10-32 X 1/2"
4	4	35986	TERMINAL BLOCK, 6-POLE
5	16	1513D8805	SCREW, CAP HEX HD 3/8"-16 X 3/4"
6	16	21422-0001	LOCKWASHER, SPLIT 3/8"
7	16	21416-0001	FLAT WASHER, 3/8"
8	2	44601	COVER, WIREWAY
9	8	4111A8815	SCREW, HEX HD #10-32 X 1/2"

VIEW OF SINGLE BELT CONVEYOR



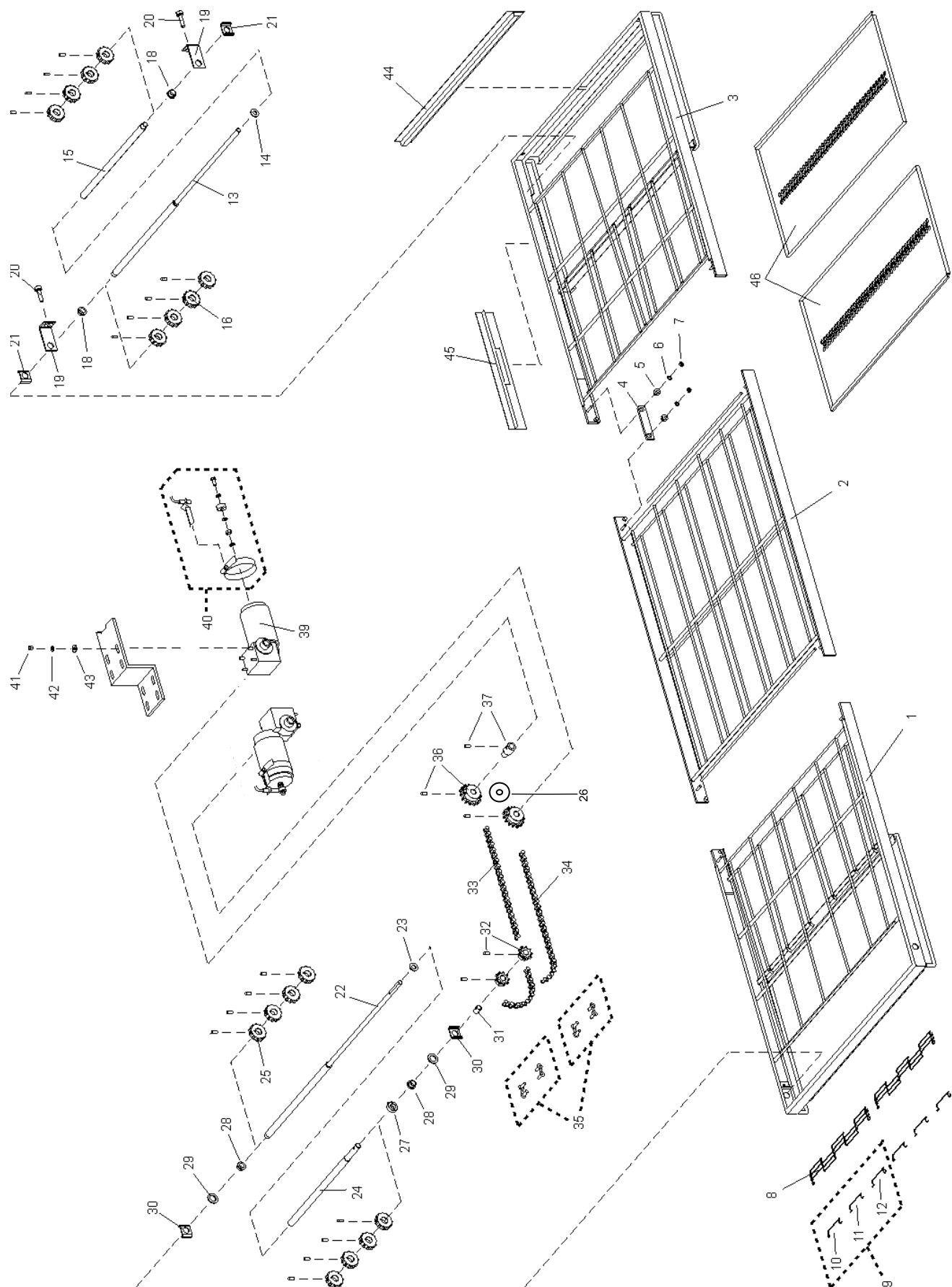
NOT SHOWN:
TOOL - ITEM 47 HEYCO PLIERS

PARTS FOR SINGLE BELT CONVEYOR

ITEM QTY.	P/N	DESCRIPTION
1	45106	WELDMENT, CONVEYOR DRIVE FRAME
2	37210-0046	WELDMENT, CONVEYOR CENTER FRAME
3	42518	WELDMENT, CONVEYOR IDLER FRAME
4	35210-0429	PIVOT PLATE
5	35210-0491	BUSHING, CONVEYOR ADJUSTMENT
6	F716A8805	WASHER, EXTERNAL TOOTH 1/4"
7	21176-0001	LOCKNUT, HEX 1/4"-20
a	22450-0001	CONVEYOR BELT, COMPLETE, 32"W x 174"L (0.81 X 4.42m)
b	33900-0032	CONVEYOR BELT, 32"W x 12"L (0.81 X 0.30m)
c	42400-0089	MASTER LINKS KIT, 32" (0.81m) BELT (INC. ITEMS 10-12)
0	--	MASTER LINK, LEFT
1	--	MASTER LINK, CENTER
2	--	MASTER LINK, RIGHT
3	35000-1011	SHAFT, IDLER
4	22229-0003	SPROCKET, CONVEYOR BELT
6	22034-0003	BUSHING, BRONZE 3/4" O.D. X 5/8" I.D.
7	37000-0413	BRACKET, IDLER SHAFT ADJUSTMENT
8	35000-1008	SCREW, CONVEYOR TENSION ADJUSTMENT
9	54947	BRACKET, SHAFT SUPPORT
0	35000-1012	SHAFT, DRIVE
1	22229-0003	SPROCKET, CONVEYOR BELT (INC. ITEM 22)

ITEM QTY.	P/N	DESCRIPTION
23	1 22011-0013	COLLAR, SHAFT, WITH SET SCREW
24	2 22034-0003	BUSHING, BRONZE 3/4" O.D. X 5/8" I.D.
25	2 35000-1080	SPACER, NYLON 1-1/4" O.D. X 3/4" I.D.
26	2 54947	BRACKET, SHAFT SUPPORT
27	1 35000-1013	ADAPTER, DRIVE SHAFT
28	1 22152-0017	SPROCKET, DRIVE SHAFT, 5/8" BORE, 9T, WITH SET SCREW
29	1 42400-0164	ASSEMBLY, ROLLER CHAIN COMPLETE (62 LINKS)
30	1 22273-0001	MASTER LINK, ROLLER CHAIN
31	1 22152-0018	SPROCKET, DRIVE MOTOR, 5/8" BORE, 15T, WITH SET SCREW
32	1 35210-0640	ADAPTER, DRIVE MOTOR, WITH SET SCREW
34a	1 47796	DRIVE MOTOR, 1/8 HP, 1400:1 (STANDARD)
34b	1 51059	DRIVE MOTOR 600:1 (HIGH SPEED)
--	1 45017	BRUSHES, DRIVE MOTOR
35	1 50265	ASSEMBLY, PICKUP, DRIVE MOTOR
36	4 21411-0003	FLAT WASHER, 1/4"
37	4 21426-0002	LOCKWASHER, 1/4"
38	4 21126-0009	HEX NUT, 1/4"-20
39	1 55027	END STOP, CONVEYOR
40	1 55028	REAR STOP, CONVEYOR
41	2 44811	CRUMB PAN
42	1 50795	TOOL - HEYCO PLIERS REMOVES STRAIN RELIEF ON PICK-UP

VIEW OF 50/50 SPLIT BELT CONVEYOR

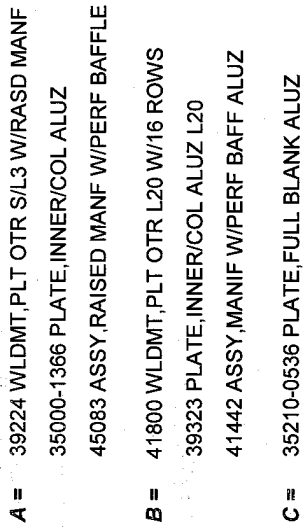


NOT SHOWN
TOOL - ITEM 47 HEYCO PLIERS

PARTS FOR 50/50 SPLIT BELT CONVEYOR

IQTY.	P/N	DESCRIPTION
1	45106	WELDMENT, CONVEYOR DRIVE FRAME
1	37210-0046	WELDMENT, CONVEYOR CENTER FRAME
1	42518	WELDMENT, CONVEYOR IDLER FRAME
4	35210-0429	PIVOT PLATE
8	35210-0491	BUSHING, CONVEYOR ADJUSTMENT
8	F716A8805	WASHER, EXTERNAL TOOTH 1/4"
8	21176-0001	LOCK NUT, HEX 1/4"-20
2	22450-0094	CONVEYOR BELT, COMPLETE, 15"W x 174"L (0.38 X 4.42m)
--	33900-0037	CONVEYOR BELT, 15"W x 12"L (0.38 X 0.30m)
2	NOT AVAILABLE	MASTER LINKS KIT, 15" (0.38m) BELT (INC. ITEMS 10-12)
1	--	MASTER LINK, LEFT
1	--	MASTER LINK, CENTER
1	--	MASTER LINK, RIGHT
1	42400-0354	SHAFT, IDLER, REAR
1	21415-0001	FLAT WASHER, BRONZE, 1" O.D. X 1/2" I.D.
1	35000-1535	SHAFT, IDLER, FRONT - 16-3/8" LONG
8	22229-0003	SPROCKET, CONVEYOR BELT (INC. ITEM 17)
2	22034-0003	BUSHING, BRONZE 3/4" O.D. X 5/8" I.D.
2	37000-0413	BRACKET, IDLER SHAFT ADJUSTMENT
2	35000-1008	SCREW, CONVEYOR TENSION ADJUSTMENT
2	54947	BRACKET, SHAFT SUPPORT
1	42400-0355	SHAFT, DRIVE, REAR - 35.31" LONG
1	21415-0001	FLAT WASHER, BRONZE, 1" O.D. X 1/2" I.D.

ITEM	QTY.	P/N	DESCRIPTION
24	1	35000-1536	SHAFT, DRIVE, FRONT
25	8	22229-0003	SPROCKET, CONVEYOR BELT (INC. ITEM 26)
27	1	22011-0014	COLLAR, SPLIT LOCKING
28	2	22034-0003	BUSHING, BRONZE 3/4" O.D. X 5/8" I.D.
29	2	35000-1080	SPACER, NYLON 1-1/4" O.D. X 3/4" I.D.
30	2	54947	BRACKET, SHAFT SUPPORT
31	1	35900-0023	BUSHING, SPLIT BELT DRIVE SPROCKET
32	2	22152-0017	SPROCKET, DRIVE SHAFT, 5/8" BORE, 9T, WITH SET SCREW
33	1	42400-0164	ASSEMBLY, ROLLER CHAIN COMPLETE (62 LINKS)
34	1	42410-0128	ASSEMBLY, ROLLER CHAIN COMPLETE (48 LINKS)
35	2	22273-0001	MASTER LINK, ROLLER CHAIN
36	2	22152-0018	SPROCKET, DRIVE MOTOR, 5/8" BORE, 15T, WITH SET SCREW
37	1	35210-0640	ADAPTER, DRIVE MOTOR, WITH SET SCREW
39a	1	47796	DRIVE MOTOR, 1/8 HP, 1400:1 (STANDARD)
39b	1	51059	DRIVE MOTOR 600:1 (HIGH SPEED)
--	1	45017	BRUSHES, DRIVE MOTOR
40	1	50265	ASSEMBLY, PICKUP, DRIVE MOTOR
41	8	21411-0003	FLAT WASHER, 1/4"
42	8	21426-0002	LOCK WASHER, 1/4"
43	8	21126-0009	HEX NUT, 1/4"-20
44	1	35000-1103	END STOP, CONVEYOR
45	1	35900-0148	REAR STOP, CONVEYOR
46	2	44811	CRUMB PAN
47	1	50795	TOOL -HEYCO PLIERS REMOVES STRAIN RELIEF ON PICK-UP



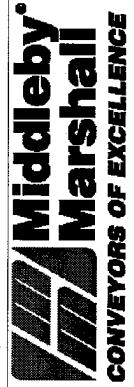
RT TO LT IS MIRROR IMAGE OF ABOVE
BELT NO: BX81 P/N 44946
PULLEY NO.: BK80X5/8" P/N39586
FAN RPM: 2000 RPM @ 60HZ
AVG T/C @ OUTER LOCATIONS

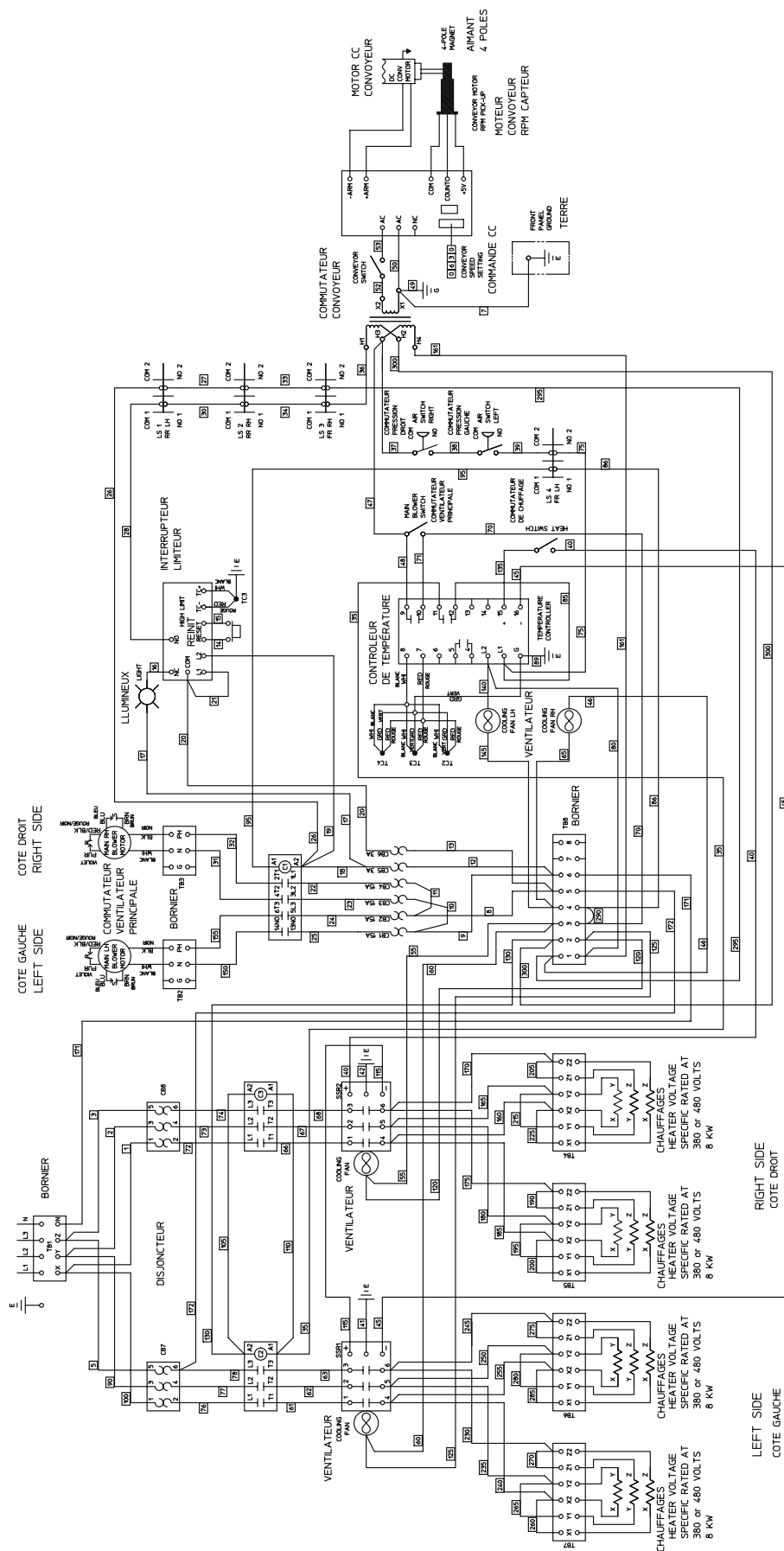
E = 35512 PLATE, BLNK HALF 4.13 UPR


44



Description	CONFIG,FINGER PS555 STD	
	P/N	45833
	Rev	C

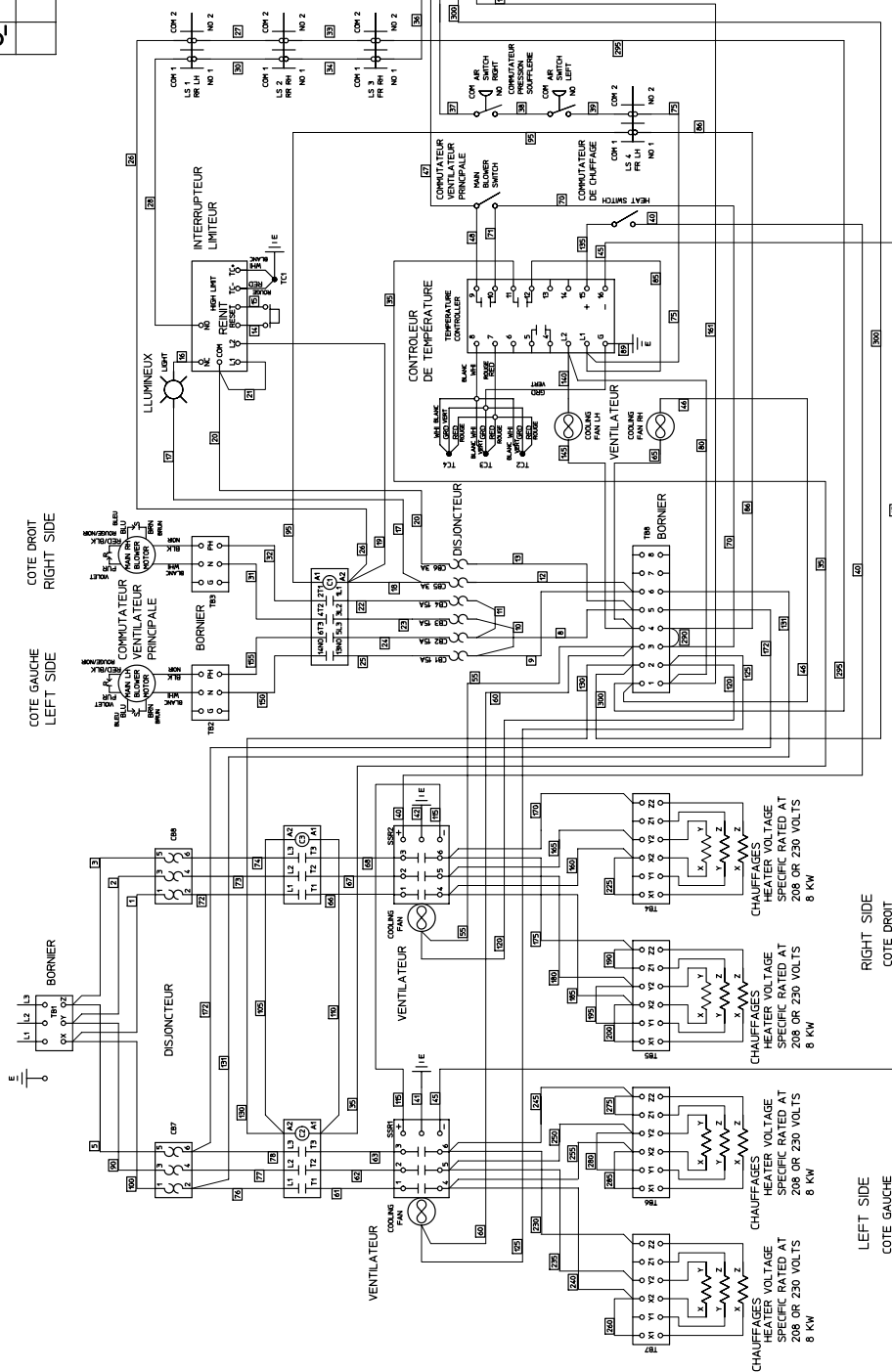




TOLERANCE UNLESS SPECIFIED		DRAWN TO 10/30/2000	THIS DRAWING IS CONFIDENTIAL AND NOT TO BE REPRODUCED OR COPIED WITHOUT THE WRITTEN PERMISSION OF THE COMPANY.	
ANGLES ± .04°		CHECKED BY 10/30/2000	 THE MIDDLEBY CORPORATION 1400 Torchbearer Drive Elgin, Illinois 60120 847-741-3300	
DEC .XX ±.015		WSS 09/23/2004		
APPROVED .XXX ±.005		WSS 09/23/2004		

VOLTAGE	TOTAL WATTAGE (KW)	PHASE	AMPERES			
			X	Y	Z	N
380	34.2	3	48.6	48.6	57.8	9.2
480	34.2	3	38.5	38.5	47.7	9.2

REV	DATE	EON	REVISION DESCRIPTION	BY	CHK	DATE
B	08/02/2005	005279	RELEASED TO PRODUCTION	KMH	WSS	08/02/2005
C	08/23/2005	005309	FIXED AMPERES	KMH	WSS	08/23/2005



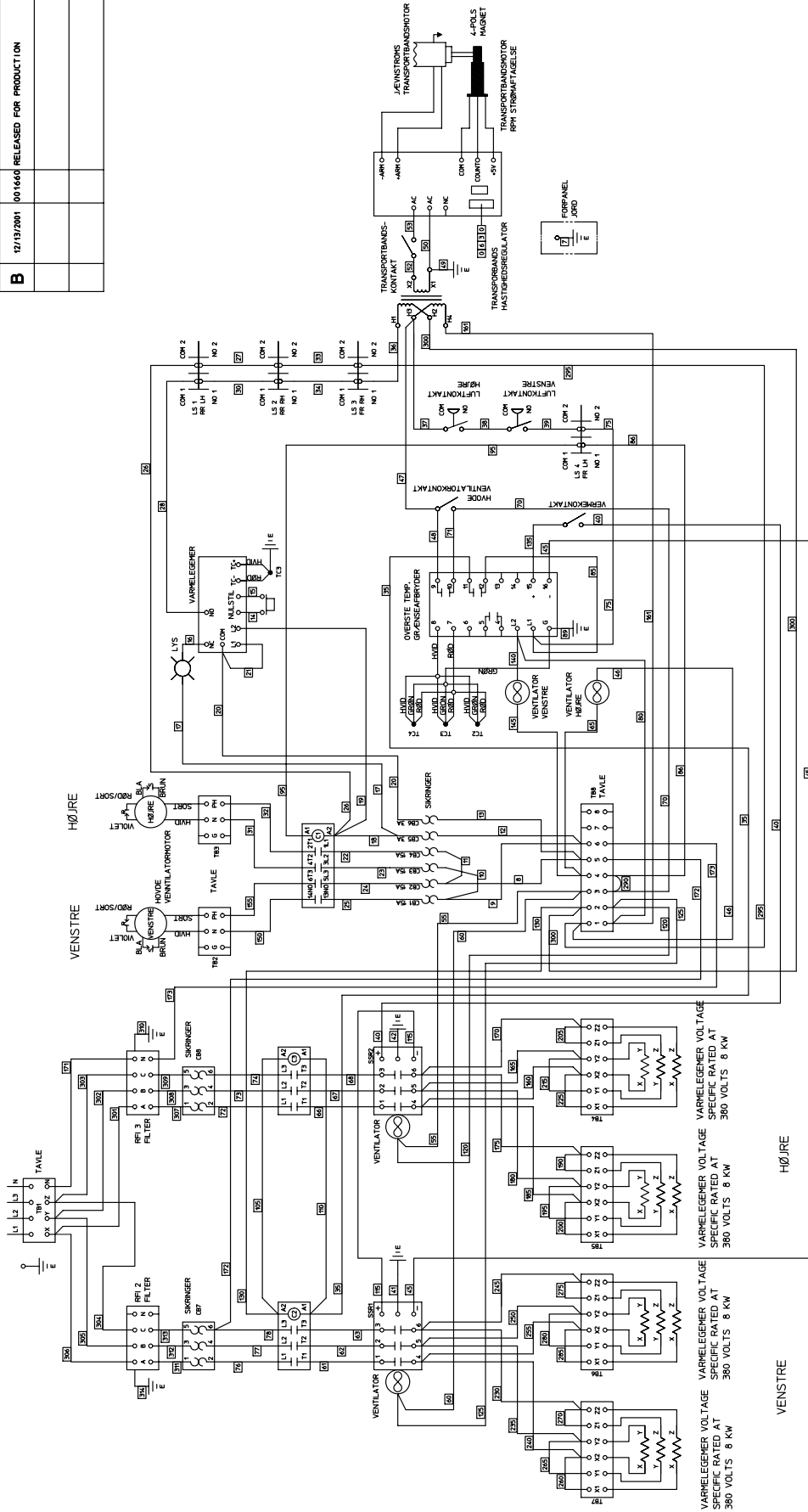
SEE 58543 FOR WIRING DIAGRAM LABEL.

MATERIAL	GAUGE:	TOLERANCE UNLESS SPECIFIED 1.0°	THIS DRAWING IS CONFIDENTIAL AND PROPERTY OF
FINISH		DEC .XX ±.015	THE MIDDLEBY CORPORATION
DRAWN	CHECKED	APPROVED	1100 THERMISTOR Drives
KMH	WSS	WSS	ELGIN, ILLINOIS 60120
			847-741-3300

VOL TAGE	TOTAL WATTAGE (KW)	PHASE	X	Y	Z
208	26.6	3	88.82	67.84	67.84
240	27.6	3	83.82	64.02	64.02

WD, E 208-240/60/3W 26KW PS555	
ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE SPECIFIED.	PART NO
DO NOT SCALE DRAWING.	58542
SHT	1 OF 1
REV	C

REV	DATE	EON	REVISION DESCRIPTION	BY CHK	DATE
B	12/13/2001	001660	RELEASED FOR PRODUCTION	KMH WSS	12/20/2001

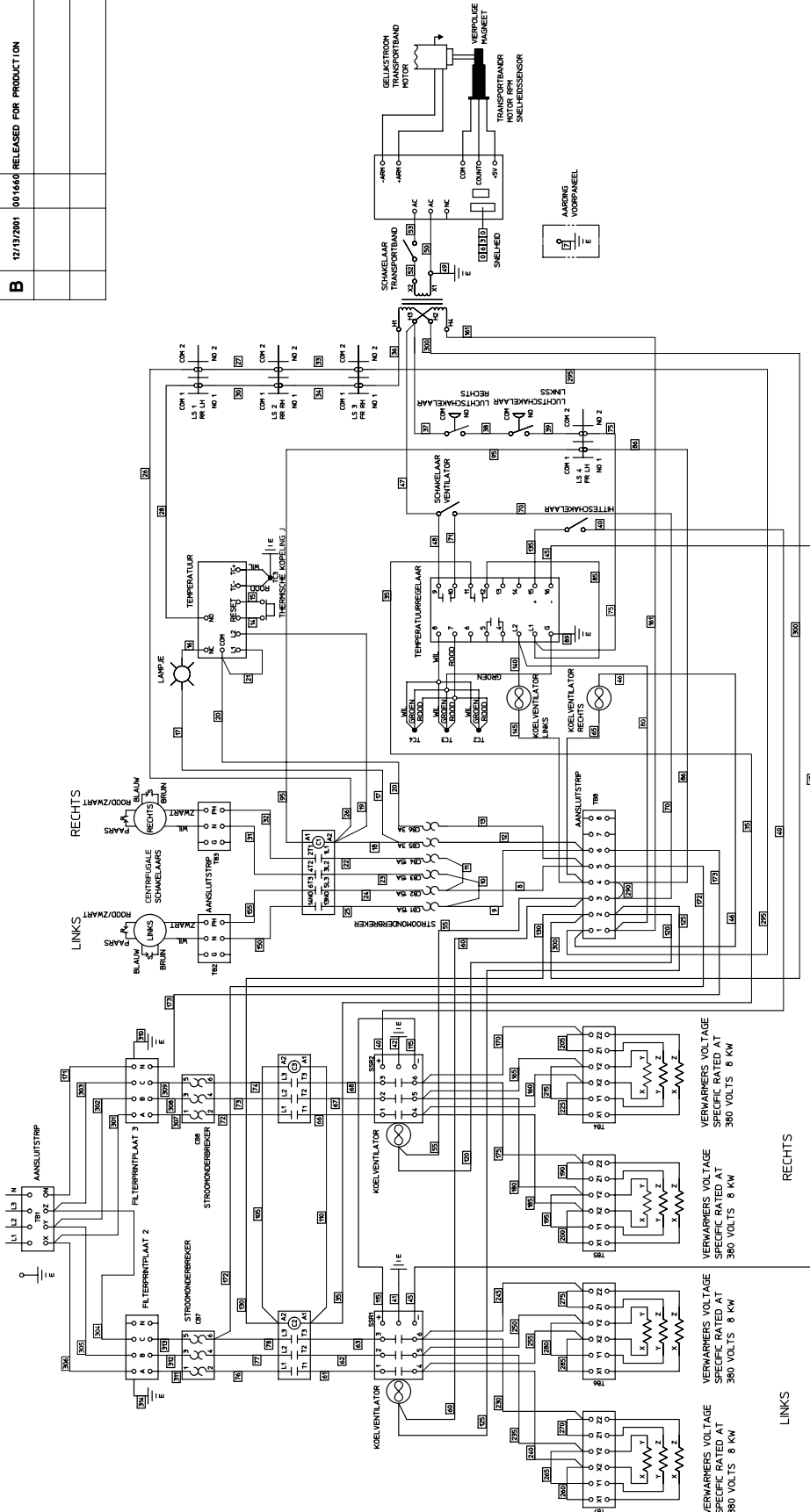


MATERIAL	GAUGE:	TOLERANCE UNLESS SPECIFIED ANGLES .X .0° DEC .XX .015 .XXX .005	THIS DRAWING IS CONFIDENTIAL AND PROPERTY OF THE MIDDLEBY CORPORATION
FINISH			1000 Tensile Strength D1-100 E1010 111101010 60120
DRAWN	CHECKED	APPROVED	847-741-3300
KMH	WSS	12/20/2001	12/20/2001
WD, E 380 / 50 / 3 4W CE PS555 DN			
ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE SPECIFIED. DO NOT SCALE DRAWING.			
PART NO		47298	REV
SHT		1 OF 1	B

NO LABEL P/N 47299

VOLTAGE	TOTAL WATTAGE (KW)	PHASE	TOTAL AMPERAGE PER LINE		
380	34.2	3	X	Y	Z
			48.6	48.6	57.8
					9.2

REV	DATE	ECN	REVISION DESCRIPTION	BY	CHK	DATE
B	12/13/2001	001660	RELEASED FOR PRODUCTION	KMH	WSS	12/20/2001



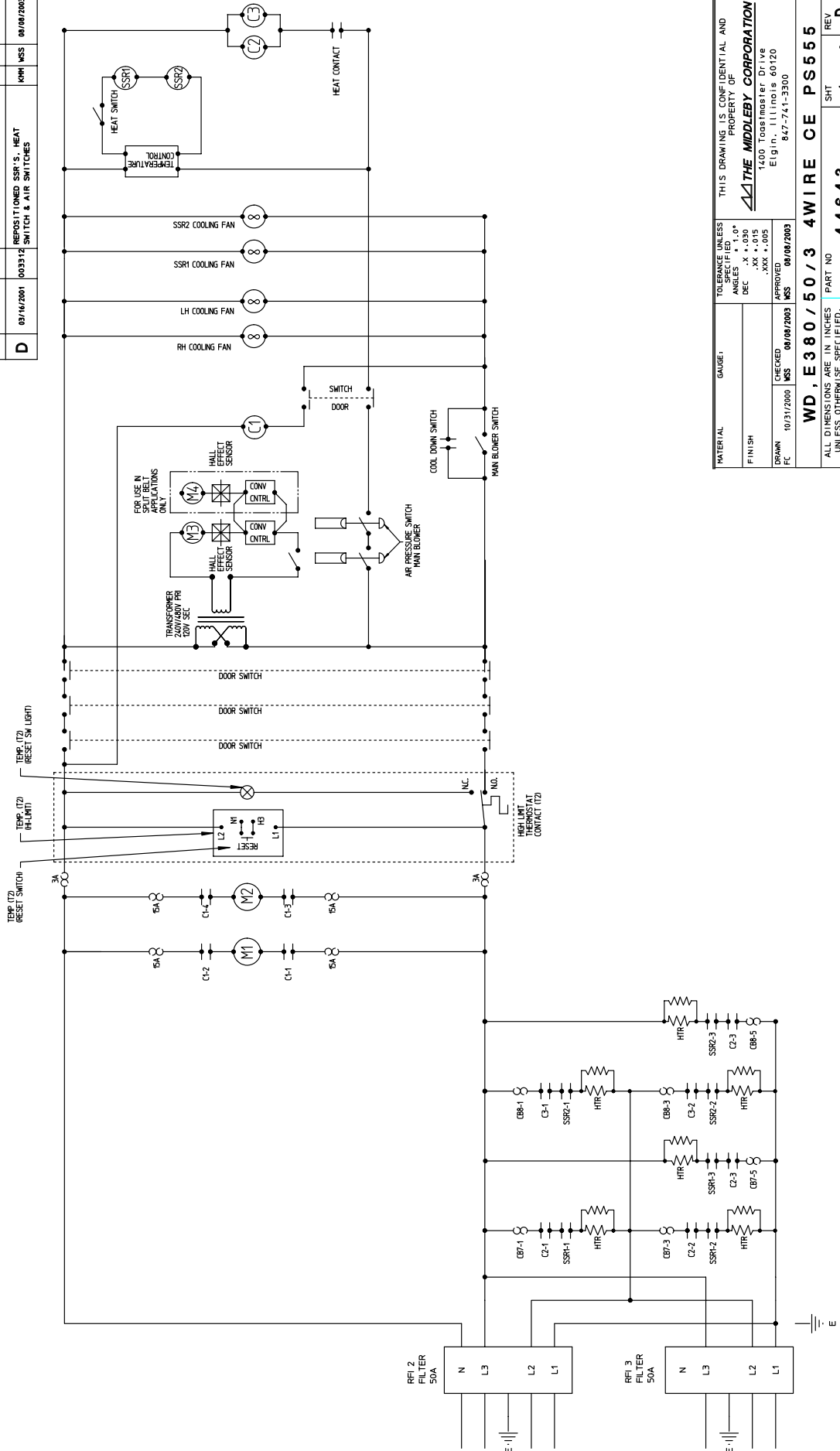
MATERIAL	GAUGE:	TOLERANCE UNLESS SPECIFIED	THIS DRAWING IS CONFIDENTIAL AND PROPERTY OF
FINISH		ANGLES	THE MIDDLEBY CORPORATION
		DEC	.X ±.030
		.XX	±.015
		.XXX	±.005
DRAWN	CHECKED	APPROVED	1400 Tossmaster Drive
KMH	WSS	WSS	Elgin, Illinois 60120
12/13/2001	12/20/2001	12/20/2001	847-741-3300

VOLTAGE	TOTAL WATTAGE (KW)	PHASE	X	Y	Z	N
360	34.2	3	48.6	48.6	57.8	9.2

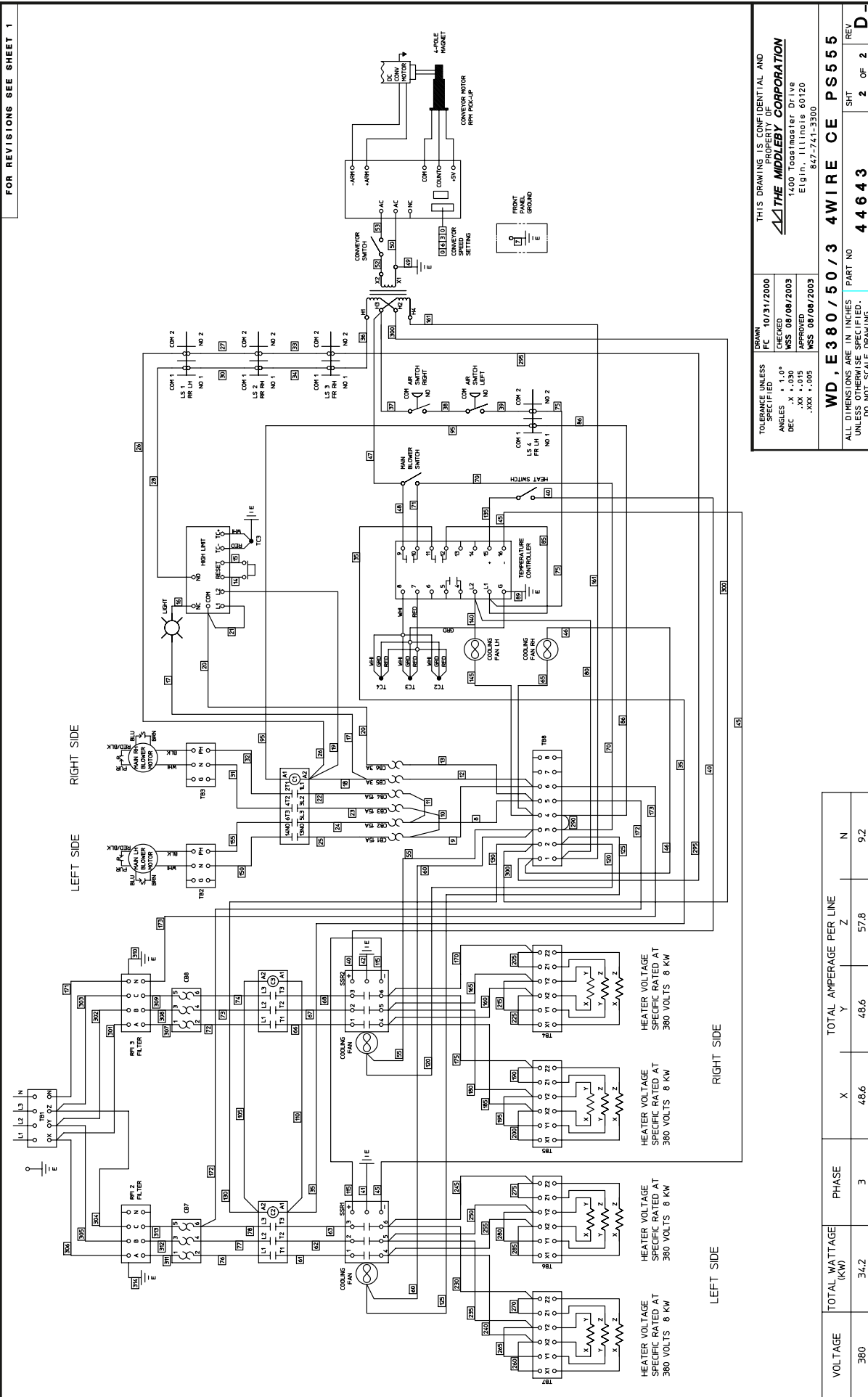
NO LABEL PIN 27901

WD, E380/50/3	4W CE	PS555	DUT
ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE SPECIFIED. DO NOT SCALE DRAWING.	PART NO	47300	SHT 1 OF 1
	REV		B

REV	DATE	EON	REVISION DESCRIPTION	BY	CHK	DATE
B	11/07/2000	000307	RELEASED FOR PRODUCTION	FC	WSS	11/27/2000
C	01/12/2001	001012	ADDED RF1-2 & RF1-3 FILTERS, REMOVED RF1-1 FILTER	FC	WSS	02/23/2001
D	03/16/2001	003312	REPOSITIONED SSR'S, HEAT SWITCH & AIR SWITCHES	KMH	WSS	08/08/2003



MATERIAL	GAUGE 1	TOLERANCE UNLESS SPECIFIED	THIS DRAWING IS CONFIDENTIAL AND PROPERTY OF
FINISH		ANGLES $\pm 1.0^\circ$	THE MIDDLEBY CORPORATION
DRAWN	10/31/2000	DEC .XX $\pm .015$	1400 Toastmaster Drive
FC	CHECKED	.XXX $\pm .005$	Elgin, Illinois 60120
	WSS	APPROVED	847-741-3300
		08/08/2003	
WD, E380/50/3 4WIRE CE PS555			
ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE SPECIFIED. DO NOT SCALE DRAWING.		PART NO	REV
		44643	D-
		SHT	1 OF 2



THIS DRAWING IS CONFIDENTIAL AND PROPERTY OF
THE MIDDLEBY CORPORATION
 1400 Toastmaster Drive
 Elgin, Illinois 60120
 847-741-3300

DRAWN: FC 10/31/2000
 CHECKED: WSS 08/08/2003
 DEC: .X .030
 .XX .015
 .XX .005

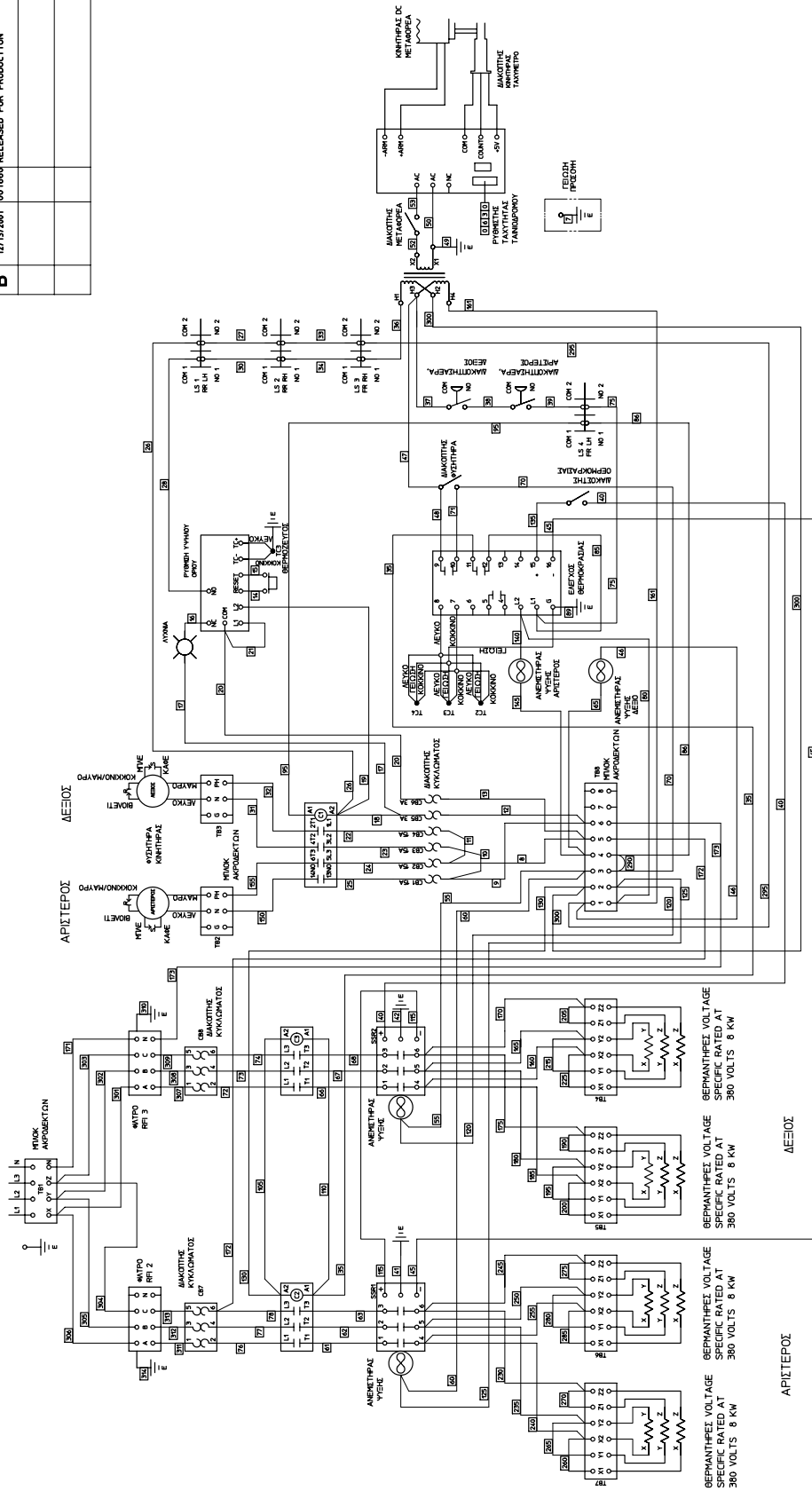
WD, E380/50/3 4WIRE CE PS555

ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE SPECIFIED.
 50 NOT SCALE DRAWING

SHT 2 OF 2
 REV D

VOLTAGE	TOTAL WATTAGE (KW)	PHASE	TOTAL AMPERAGE PER LINE		
380	34.2	3	X	Y	Z
			48.6	48.6	57.8
					9.2

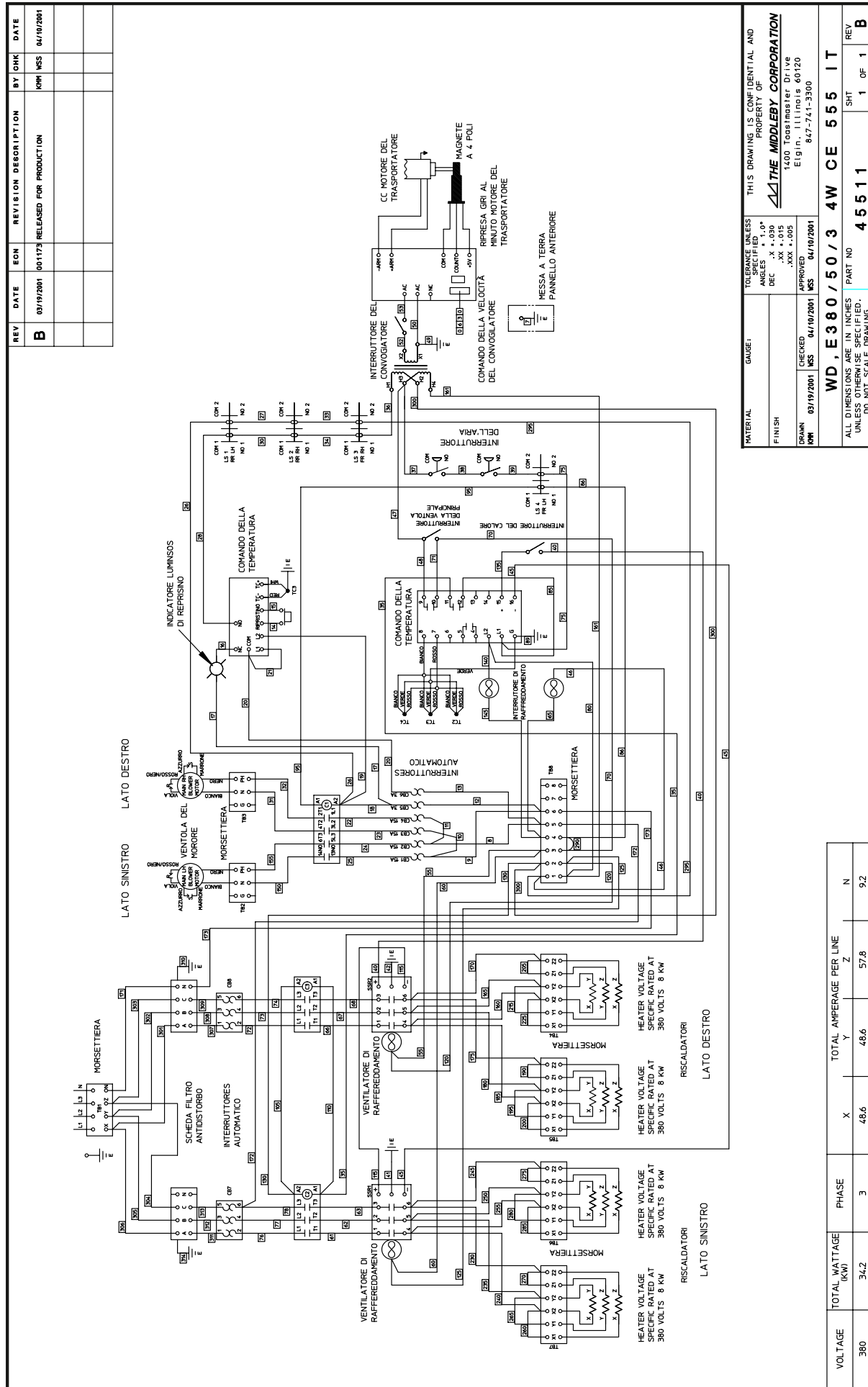
REV	DATE	EDN	REVISION DESCRIPTION	BY	CHK	DATE
B	12/13/2001	001660	RELEASED FOR PRODUCTION	KMH	WSS	12/20/2001



MATERIAL	GAUGE:		TOLERANCE UNLESS SPECIFIED ANGLES .00 DEC .XX ±.015 .XXX ±.005	THIS DRAWING IS CONFIDENTIAL AND PROPERTY OF THE MIDDLEBY CORPORATION 1400 Toadmaster Drive Elgin, Illinois 60120 847-741-3300	
	FINISH				
DRAWN	KMH	12/13/2001	CHECKED	WSS	12/20/2001
WD, E380/50/3 4W CE PS555 GK			PART NO 47302		
ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE SPECIFIED. DO NOT SCALE DRAWING.			SHT 1 OF 1		
			REV B		

WD LABEL P/N 47303

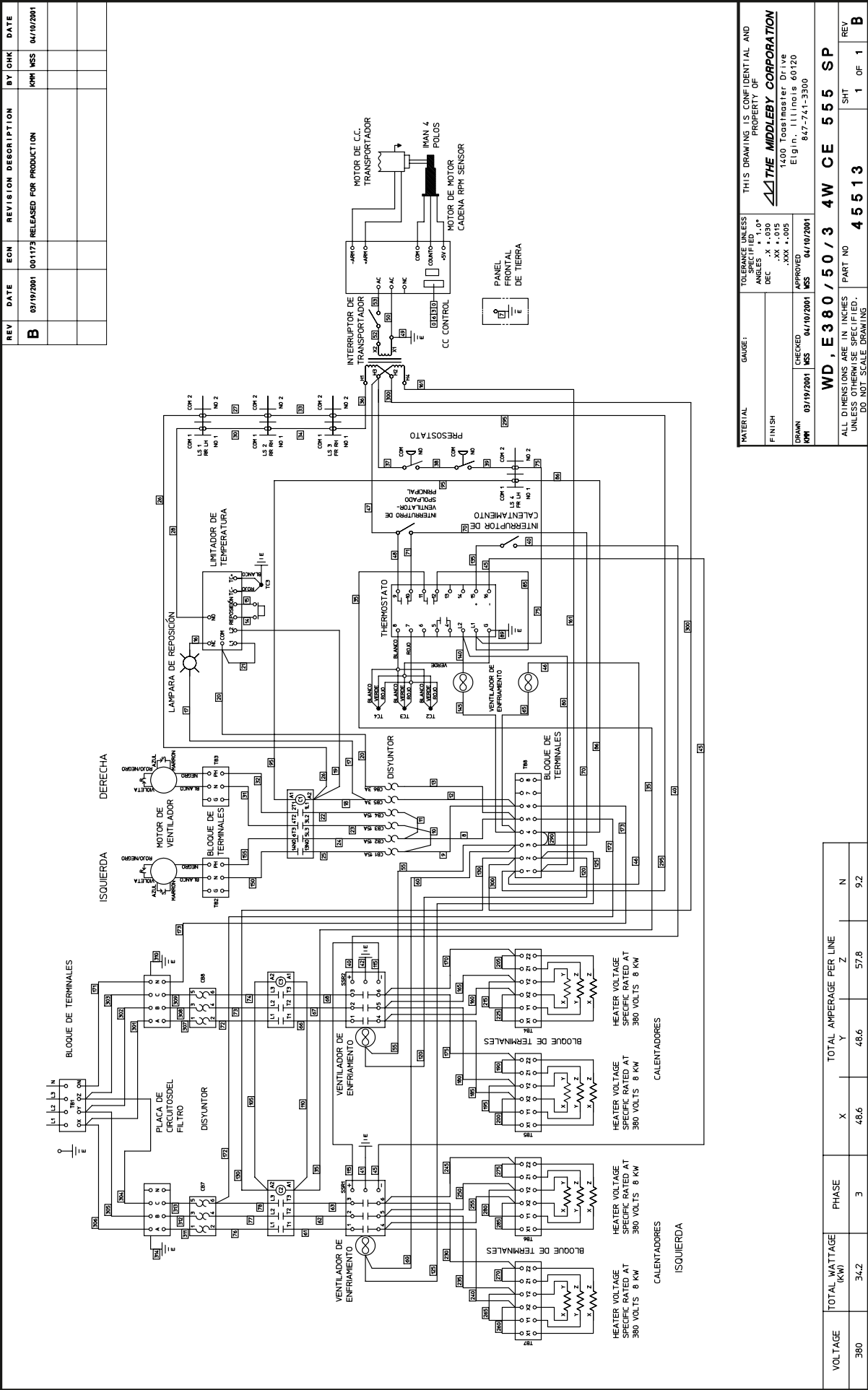
VOLTAGE	TOTAL WATTAGE (kW)	PHASE	X	Y	Z	N
380	34.2	3	48.6	48.6	57.8	9.2



MATERIAL	GAUGE:	TOLERANCE UNLESS SPECIFIED IS $\pm 1.0^\circ$	THIS DRAWING IS CONFIDENTIAL AND PROPERTY OF
FINISH		DEC .X $\pm .030$	THE MIDDLEBY CORPORATION
		XX $\pm .015$	1400 Toastmaster Drive
		XX $\pm .005$	Elgin, Illinois 60120
DRAWN	CHECKED	APPROVED	
KMM	MSS	04/10/2001	847-741-3300

WD, E380/50/3	4W CE 555	IT
ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE SPECIFIED.	PART NO	SHT
DO NOT SCALE DRAWING	45511	1 OF 1
	REV	B

REV	DATE	ECN	REVISION DESCRIPTION	BY	CHK	DATE
B	03/19/2001	001173	RELEASED FOR PRODUCTION	KMH	NSS	04/10/2001



MATERIAL	GAUGE:	TOLERANCE UNLESS SPECIFIED	THIS DRAWING IS CONFIDENTIAL AND PROPERTY OF
FINISH		ANGLES ± 1.0°	THE MIDDLEBY CORPORATION
		.X ±.030	1400 Toadmaster Drive
		.XX ±.015	Elgin, Illinois 60120
		.XXX ±.005	847-741-3300
DESIGN	CHECKED	APPROVED	
KMH	NSS	04/10/2001	

VOLTAGE	TOTAL WATTAGE (KW)	PHASE	TOTAL AMPERAGE PER LINE			
380	34.2	3	X	Y	Z	N
			48.6	48.6	57.8	9.2

WD, E380/50/3	4W	CE	555	SP
ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE SPECIFIED.	PART NO	45513	SHT	1 OF 1
DO NOT SCALE DRAWING	REV	B		

